

## Panasonic Industry Europe GmbH

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Robert-Koch-Strasse 100 • 85521 Ottobrunn • Germany

To our customers

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### Information regarding Art. 33, Art. 67 and Annex XVII of the EC regulation no. 1907/2006 (REACH)

Dear customer,

According to Article 33(1) of REGULATION (EC) No 1907/2006 (REACH) "Any supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1 % weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance".

Panasonic Industry Europe GmbH is fully aware of its obligations resulting from REACH and set up a system to comply with the substance restrictions and fulfill communication obligations to the downstream users, providing information on the substances of all products sold by its organization.

The Candidate List of "substances of very high concern" (SVHC) as specified by Article 59 of REACH was published for the first time at the end of October 2008 and other substances are added regularly.

For you as a downstream user, we have placed all information at our disposal regarding SVHCs in the Candidate List, for those articles with a concentration above 0.1% w/w, in the list of products attached to this letter. **For all other products, we believe to the best of our knowledge that, there is no duty to communicate information according to Article 33, if they are not included in the attached "Positive List"**. Delivered products and product packaging, based on our current knowledge, comply with all requirements of REACH, specifically with the restrictions set forth in Article 67 and Annex XVII.

Panasonic Industry Europe GmbH is continuously investigating the SVHC content and, if this status should change, we will take appropriate action to comply with the legal requirements.

Sincerely yours,

Panasonic Industry Europe GmbH



Christoph Oehler  
Corporate Planning  
Head of Environment & CSR Section

## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
06-588671	COMBINATION RELAY	Lead titanium trioxide	12060-00-3
06-588671	COMBINATION RELAY	Lead	7439-92-1
06-591221	COMBINATION RELAY	Lead titanium trioxide	12060-00-3
06-591221	COMBINATION RELAY	Lead	7439-92-1
2CR-5L/1BP	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
2CR-5L/1BP	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
2M137A-01BB	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2M137A-01BB	MAGNETRON FOR MICROWAVE OVEN	Disodium tetraborate decahydrate; Borax decahydrate	1303-96-4
2M137A-01SBF	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2M137A-01SBF	MAGNETRON FOR MICROWAVE OVEN	Disodium tetraborate decahydrate; Borax decahydrate	1303-96-4
2M259G-03AA	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2M259G-03BA	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2M262A-01BML	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2M262A-01BML	MAGNETRON FOR MICROWAVE OVEN	Disodium tetraborate decahydrate; Borax decahydrate	1303-96-4
2M262A-08ABF	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2M262A-08BFM	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2M265E-03OA	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2M266E-03NB	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2M266E-03OB	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2M266E-03UBF	MAGNETRON FOR MICROWAVE OVEN	Boric acid	10043-35-3
2SB0766GSL	TRANSISTOR	Lead	7439-92-1
2SB09410P	TRANSISTOR	Lead	7439-92-1
91-126601	ERI68E13DCHA-Y0DXS	Lead	7439-92-1
91-305030	COMPRESSOR (DG125E)	Lead	7439-92-1
AMA145905	EQUIPMENT SENSORS	Lead	7439-92-1
AMBA240205	MOTION SENSOR, MA TYPE	Lead	7439-92-1
AMBA240905	MOTION SENSOR, MA TYPE	Lead	7439-92-1
AMBA340914	MOTION SENSOR, MA TYPE	Lead	7439-92-1

## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
AMBA345909	MOTION SENSOR, MA TYPE	Lead	7439-92-1
AMG8831	INFRARED ARRAY SENSOR,GRID-EYE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AMG8833	INFRARED ARRAY SENSOR,GRID-EYE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AMG8834	INFRARED ARRAY SENSOR,GRID-EYE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AMG8853	INFRARED ARRAY SENSOR,GRID-EYE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AMG8854	INFRARED ARRAY SENSOR,GRID-EYE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
APU01248	MOTOR UNIT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
APU01248	MOTOR UNIT	Lead	7439-92-1
APU01249	MOTOR UNIT	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
APU01249	MOTOR UNIT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
APU01249	MOTOR UNIT	N, N-Dimethylacetamide	127-19-5
APU01249	MOTOR UNIT	Hexahydromethylphthalic anhydride	25550-51-0
APU01249	MOTOR UNIT	Octamethylcyclotetrasiloxane (D4)	556-67-2
APU01249	MOTOR UNIT	Lead	7439-92-1
APU01249	MOTOR UNIT	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
AWU03553L5M	Cable Unit Set	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
AWU03553L5M	Cable Unit Set	Lead	7439-92-1
AWU03553L5M	Cable Unit Set	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
AWU03665L5M	MIG(AKUMINUM)	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
AWU03665L5M	MIG(AKUMINUM)	Lead	7439-92-1
AWU03665L5M	MIG(AKUMINUM)	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
AWU03809L5M	Cable Unit Set	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
AWU03809L5M	Cable Unit Set	Lead	7439-92-1
AWU03809L5M	Cable Unit Set	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
AWU03836	FLEXIBLE CONDUITS UNIT	Lead	7439-92-1
AWU03837L5M	CABLE UNIT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
AWU03837L5M	CABLE UNIT	Lead	7439-92-1
AWU03837L8M	CABLE UNIT 8M	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7

## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
AWU03837L8M	CABLE UNIT 8M	Lead	7439-92-1
AWU03866L20M	CABLE UNIT	Lead	7439-92-1
AWU03866L20M	CABLE UNIT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
AWU03879L12M	CABLE UNIT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
AWU03879L12M	CABLE UNIT	Lead	7439-92-1
AWU03879L16M	CABLE UNIT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
AWU03879L16M	CABLE UNIT	Lead	7439-92-1
AWU03879L20M	CABLE UNIT	Lead	7439-92-1
AWU03879L20M	CABLE UNIT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
AWU03879L6M	Extension Cable Unit 6m	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
AWU03879L6M	Extension Cable Unit 6m	Lead	7439-92-1
AWU03879L8M	AWU03879L8M	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
AWU03879L8M	AWU03879L8M	Lead	7439-92-1
BJ-A1D0034AA	F41003022 (battery pack)	Lead titanium zirconium oxide	12626-81-2
BJ-A1D0034AA	F41003022 (battery pack)	N, N-Dimethylacetamide	127-19-5
BJ-A1D0034AA	F41003022 (battery pack)	Hexahydromethylphthalic anhydride	25550-51-0
BJ-A1D0034AA	F41003022 (battery pack)	Lead	7439-92-1
BJ-A340073AA	F12431991 (battery pack)	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
BJ-A340073AA	F12431991 (battery pack)	Lead	7439-92-1
BJ-CD00011AA	TYPE	Lead	7439-92-1
BJ-CD00043AA	NCA103450-H01WA	Lead	7439-92-1
BJ-DCB102ZKL	166010558 (battery pack)	Lead titanium zirconium oxide	12626-81-2
BJ-DCB102ZKL	166010558 (battery pack)	N, N-Dimethylacetamide	127-19-5
BJ-DCB102ZKL	166010558 (battery pack)	Hexahydromethylphthalic anhydride	25550-51-0
BJ-DCB102ZKL	166010558 (battery pack)	Lead	7439-92-1
BJ-DCB105ZKF	166010846 (battery pack)	Lead titanium zirconium oxide	12626-81-2
BJ-DCB105ZKF	166010846 (battery pack)	N, N-Dimethylacetamide	127-19-5
BJ-DCB105ZKF	166010846 (battery pack)	Hexahydromethylphthalic anhydride	25550-51-0

## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
BJ-DCB105ZKF	166010846 (battery pack)	Lead	7439-92-1
BJ-F200014AA	166011923 (Lithium ion battery)	1,3-Propanesultone	1120-71-4
BJ-HM00017AA	UF515761S-H00SA	1,3-Propanesultone	1120-71-4
BR-1220/BN	LITHIUM BATTERY	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1220/HEN	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1220/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1225/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1225/F1AN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1225/HBN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1225/HCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1225/VCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1632/DBN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-1632/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/1FN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/F2N	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/GUB	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/GUFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/GUN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/GVFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/GVN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/HEN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/VBN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2032/VCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2325/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2325/HCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2330/1HHN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4

## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
BR-2330/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2330/GUFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2330/GUN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2330/GVFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2330/GVN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-2330/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
BR-3032/F2N	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1025/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1216/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1220/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1220/FCN	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1220/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1220/VCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1220EL/1B	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-123AL/1BP	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-123AL/1BP	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-123PE/1FE	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-123PE/1FE	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-123PE/BML	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-123PE/BML	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-123PE/BN	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-123PE/BN	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-123PJPT/B	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-123PJPT/B	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-123PT/1FE	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-123PT/1FE	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-1612/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1616/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4



**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
CR-1616/F2N	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1620/BB	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1620/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1632/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1632/HEN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-1632/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3AE32N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3AE32N	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-2/3AFNBBH	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3AFNBBH	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-2/3AZC28N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3AZC28N	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-2/3AZE23B	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3AZE23B	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-2/3AZE23N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3AZE23N	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-2/3AZE2PN	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3AZE2PN	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-2/3AZE5N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3AZE5N	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-2/3AZT7N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3AZT7N	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-2/3ZCF2DA	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2/3ZCF2DA	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-2/3ZCF2DA	LITHIUM CYLINDER	Lead	7439-92-1
CR-2012/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2016/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2016/F2N	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4

## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
CR-2016/VTN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2016/ZBN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2025/BHN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2025/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2025/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2025/VTN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2025/ZBN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/BHS	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/BHTN	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/BS	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/F4N	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/F9DN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/GSSN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/GUN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/GVFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/GVN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/HEN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/HSN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/VCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/VTN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/VTS	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032/ZBS	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032L/1BP	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032L/1FN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032L/2BP	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2032L/ZBS	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2330/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4



**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
CR-2330/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2354/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2354/F2N	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2354/GUFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2354/GUN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2354/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2354/VCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2412/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2450/1FN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2450/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2450/BS	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2450/G1AN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2450/H1AB	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2450EL/1B	LITHIUM COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2477/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2477/F2B	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2477/HFN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2477/VCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2L/1BP	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2L/1BP	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-2PE/BN	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2PE/BN	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-2U/BN	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2U/BN	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-2ZLE2N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-2ZLE2N	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-3032/BN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-3032/F2N	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
CR-3032/VCN	LITHIUM COIN	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-AGCH4CN	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-AGCH4CN	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-AGE2N	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-AGE2N	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-P2L/1BP	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-P2L/1BP	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-P2PE/BN	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-P2PE/BN	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-P2PEGR/B	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-P2PEGR/B	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CR-P2PJPE/B	LITHIUM CYLINDER	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
CR-P2PJPE/B	LITHIUM CYLINDER	N, N-Dimethylacetamide	127-19-5
CTL-1616F/BN	LITHIUM ION RECHARGEABLE COIN - TYPE	1,3-Propanesultone	1120-71-4
CTL-621F/BN	LITHIUM ION RECHARGEABLE COIN - TYPE	1,3-Propanesultone	1120-71-4
DA22F2100L	DIODE	Lead	7439-92-1
DB2130200L	DIODE	Lead	7439-92-1
DB2141200L	DIODE	Lead	7439-92-1
DB2141300L	BLUETOOT	Lead	7439-92-1
DB2230400L	DIODE	Lead	7439-92-1
DB2230600L	DIODE	Lead	7439-92-1
DB2430700L	BLUETOOT	Lead	7439-92-1
DB2440400L	DIODE	Lead	7439-92-1
DB2441700L	DIODE	Lead	7439-92-1
DB2460500L	DIODE	Lead	7439-92-1
DB2460600L	DIODE	Lead	7439-92-1
DB2W31900L	DIODE	Lead	7439-92-1
DB2W40100L	DIODE	Lead	7439-92-1

## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
DB2W40200L	DIODE	Lead	7439-92-1
DB2W40300L	DIODE	Lead	7439-92-1
DB2W40900L	DIODE	Lead	7439-92-1
DB2W60400L	DIODE	Lead	7439-92-1
DB2X41400L	DIODE	Lead	7439-92-1
DB2X41500L	DIODE	Lead	7439-92-1
DMG264120R	TRANSISTOR	Lead	7439-92-1
DRA2523E0L	TRANSISTOR	Lead	7439-92-1
DRC2523E0L	TRANSISTOR	Lead	7439-92-1
DSA500200L	TRANSISTOR	Lead	7439-92-1
DSA7003R0L	TRANSISTOR	Lead	7439-92-1
DSA7003S0L	TRANSISTOR	Lead	7439-92-1
DSA700400L	TRANSISTOR	Lead	7439-92-1
DSA7504R0L	TRANSISTOR	Lead	7439-92-1
DSC500200L	TRANSISTOR	Lead	7439-92-1
DSC700300L	TRANSISTOR	Lead	7439-92-1
DSC710100L	TRANSISTOR	Lead	7439-92-1
DZ2404700L	BLUETOOT	Lead	7439-92-1
DZ2405100L	BLUETOOT	Lead	7439-92-1
DZ2405600L	DIODE	Lead	7439-92-1
DZ2412000L	DIODE	Lead	7439-92-1
DZ2413000L	DIODE	Lead	7439-92-1
DZ2415000L	BLUETOOT	Lead	7439-92-1
DZ2416000L	BLUETOOT	Lead	7439-92-1
DZ2424000L	DIODE	Lead	7439-92-1
DZ2436000L	ZENER DIODE	Lead	7439-92-1
DZ2W03300L	TRANSISTOR	Lead	7439-92-1
DZ2W03900L	DIODE	Lead	7439-92-1

## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
DZ2W05100L	TRANSISTOR	Lead	7439-92-1
DZ2W05600L	DIODE	Lead	7439-92-1
DZ2W06200L	TRANSISTOR	Lead	7439-92-1
DZ2W08200L	BLUETOOT	Lead	7439-92-1
DZ2W09100L	TRANSISTOR	Lead	7439-92-1
DZ2W15000L	TRANSISTOR	Lead	7439-92-1
DZ2W18000L	DIODE	Lead	7439-92-1
DZ2W39000L	ZENER DIODE	Lead	7439-92-1
DZ2W47000L	TRANSISTOR	Lead	7439-92-1
EFLM200Y01A	LASER BEAM MODULATOR	Lead	7439-92-1
EHDS10CDK	FAN MOTOR	Lead	7439-92-1
EHDS85ADK	FAN MOTOR	Lead	7439-92-1
ERTLG12N714L	THERMISTOR	Bis(pentabromophenyl)ether (decabromodiphenyl ether; decaBDE)	1163-19-5
EVEU11AH508B	ROTARY ENCODER (INCREMENTAL TYPE)	Octamethylcyclotetrasiloxane (D4)	556-67-2
EVEVKGPF016B	ROTARY ENCODER (INCREMENTAL TYPE)	Octamethylcyclotetrasiloxane (D4)	556-67-2
EVPAFFB65	THAN 1KV,	N, N-Dimethylacetamide	127-19-5
EVQP6DB35	THAN 1KV,	N, N-Dimethylacetamide	127-19-5
EVQP6LB55	THAN 1KV,	N, N-Dimethylacetamide	127-19-5
EVQP6PB35	THAN 1KV,	N, N-Dimethylacetamide	127-19-5
EWTS54GB21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS54GC21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS54GE21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS54GN21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS54GW21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS54HK21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS54XJ21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS54XL21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS54XP11	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2

## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
EWTS5MAA21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS5MVA21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS5MWB21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS64GC21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS64GF21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS64NC21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS64ND21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EWTS86KL21	,	Lead titanium zirconium oxide	12626-81-2
EWTS86NL21	NAVIGATION S	Lead titanium zirconium oxide	12626-81-2
EWTS86NN21	ANGULAR RATE SENSOR	Lead titanium zirconium oxide	12626-81-2
EZTKB22670WD	METALLIZED PLASTIC FILM CAPACITOR, EZT	Lead	7439-92-1
EZTVKBGEN3WA	METALLIZED PLASTIC FILM CAPACITOR, EZT	N, N-Dimethylacetamide	127-19-5
EZTVKBGEN3WA	METALLIZED PLASTIC FILM CAPACITOR, EZT	Lead	7439-92-1
EZTWB21950FA	FILM CAPACITORS FOR TRAIN	Lead	7439-92-1
FC8V33030L	LIGHT EMITTING DIODE	Lead	7439-92-1
FK8V03060L	TRANSISTOR	Lead	7439-92-1
FKGW01BDK	FAN MOTOR	Lead	7439-92-1
FKGW01CDK	FAN MOTOR	Lead	7439-92-1
FW-2S10B-XE	MOTOR ASSY	Lead	7439-92-1
GB-F9C61C	ULTRASONIC TRANSDUCER W CABLE	Lead titanium zirconium oxide	12626-81-2
GB-F9TR62A	OVERSEAS	Lead titanium zirconium oxide	12626-81-2
GB-R1AEC13	RF BOARD FOR GAS METER	Lead	7439-92-1
GE-002780	COMP.ECO RELAY (02LPC1117NH3C18E)	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
GE-002780	COMP.ECO RELAY (02LPC1117NH3C18E)	Lead	7439-92-1
GE-002800	COMP.ECO RELAY (02LPC1117NH2B18E)	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
GE-002800	COMP.ECO RELAY (02LPC1117NH2B18E)	Lead	7439-92-1
GN-UBS0G-C	INVERTER UNIT	Lead	7439-92-1
GN-UBS2G-C	INVERTER UNIT	Lead	7439-92-1

## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
LN21RPX	RED LED	Hexahydromethylphthalic anhydride	25550-51-0
LN282RPX	LN282RPX	Hexahydromethylphthalic anhydride	25550-51-0
LN28RPX	2MM R TOP VW RED DEF LED	Hexahydromethylphthalic anhydride	25550-51-0
LN31GPX	LN31GPX	Hexahydromethylphthalic anhydride	25550-51-0
LN41YPSLX	LN41YPSLX	Hexahydromethylphthalic anhydride	25550-51-0
LN882RPX	LN882RPX	Hexahydromethylphthalic anhydride	25550-51-0
LNJ426W83RA1	LIGHT EMITTING DIODE	Bis(2-methoxyethyl) ether	111-96-6
LNJ437W84RA	LIGHT EMITTING DIODE	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
ML-1220/BN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-1220/F1AN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-1220/F1BN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-1220/V1AN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-2020/BN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-2020/G1AN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-2020/H1BN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-2020/H1CN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-2020/V1AN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-421S/DN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-614S/FN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-621S/DN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
ML-621S/ZTN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
MT-920/TN	LITHIUM ION RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
MTM132270BBF	TRANSISTOR (MOS-FET)	Lead	7439-92-1
MTM232230LBF	TRANSISTOR	Lead	7439-92-1
MTM232270LBF	TRANSISTOR	Lead	7439-92-1
MTM981400BBF	TRANSISTOR (MOS-FET)	Lead	7439-92-1
NB-A800003AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-A800003AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9



## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
NB-A900002AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-A900002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-AA00002AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-AA00002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-AB00003AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-AB00003AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-AD00002AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-AD00002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NBASAD1G0600	ELECTRODE (C)	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NBASAD1G0630	ELECTRODE (C)	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-C100001AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-C100001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-C200002AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-C200002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-C400001AA	NICKEL CADMIUM STORAGE BATTERY	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
NB-C400001AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-C400001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-C500003AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-C500003AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-C500005AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-C500005AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-C500016AA	N-3000CR-SECU	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-C500016AA	N-3000CR-SECU	Cadmium	7440-43-9
NB-C500017AA	N-3000CR-SECE	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-C500017AA	N-3000CR-SECE	Cadmium	7440-43-9
NB-D600002AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-D600002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-D800001AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2

## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
NB-D800001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-H100002AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-H100002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-H300001AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-H300001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-H300002AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-H300002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-H400001AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-H400001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-H600001AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-H600001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-J300001AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-J300001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-J400004AA	166201532 (battery pack)	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-J400004AA	166201532 (battery pack)	Cadmium	7440-43-9
NB-J400005AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-J400005AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-J400007AA	NICKEL CADMIUM	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-J400007AA	NICKEL CADMIUM	Cadmium	7440-43-9
NB-J600003AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-J600003AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-J600006AA	NC-2500SCR-SECE-2	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-J600006AA	NC-2500SCR-SECE-2	Cadmium	7440-43-9
NB-K400002AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K400002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-K400017AA	N-1250SCRL-H002A	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K400017AA	N-1250SCRL-H002A	Cadmium	7440-43-9
NB-K400018AA	N-1250SCRL-SECE	cadmium hydroxide; cadmium dihydroxide	21041-95-2

## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
NB-K400018AA	N-1250SCRL-SECE	Cadmium	7440-43-9
NB-K500001AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K500001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-K600004AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K600004AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-K600019AA	N-1300SCR-H002A	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K600019AA	N-1300SCR-H002A	Cadmium	7440-43-9
NB-K700001AA	NICKEL CADMIUM STORAGE BATTERY	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
NB-K700001AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K700001AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-K800002AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K800002AA	NICKEL CADMIUM STORAGE BATTERY	Cadmium	7440-43-9
NB-K800003AA	NICKEL CADMIUM STORAGE BATTERY	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K800017AA	N-1700SCR-SECU-3	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K800017AA	N-1700SCR-SECU-3	Cadmium	7440-43-9
NB-K800018AA	N-1700SCR-SECE-2	cadmium hydroxide; cadmium dihydroxide	21041-95-2
NB-K800018AA	N-1700SCR-SECE-2	Cadmium	7440-43-9
NM-EJA5A	AV132-40	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
NM-EJA5A	AV132-40	Lead titanium zirconium oxide	12626-81-2
NM-EJA5A	AV132-40	Hexahydromethylphthalic anhydride	25550-51-0
NM-EJA5A	AV132-40	Octamethylcyclotetrasiloxane (D4)	556-67-2
NM-EJA5A	AV132-40	Lead	7439-92-1
NM-EJA5A	AV132-40	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJA5A	AV132-40	Dibutyl phthalate (DBP)	84-74-2
NM-EJA5A	AV132-40	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
NM-EJA6A	AV132-80	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
NM-EJA6A	AV132-80	Lead titanium zirconium oxide	12626-81-2
NM-EJA6A	AV132-80	Hexahydromethylphthalic anhydride	25550-51-0

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
NM-EJA6A	AV132-80	Octamethylcyclotetrasiloxane (D4)	556-67-2
NM-EJA6A	AV132-80	Lead	7439-92-1
NM-EJA6A	AV132-80	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJA6A	AV132-80	Dibutyl phthalate (DBP)	84-74-2
NM-EJA6A	AV132-80	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
NM-EJM1E	NPM-TT2:PRODUCTION MODULAR	Boric acid	10043-35-3
NM-EJM1E	NPM-TT2:PRODUCTION MODULAR	Cobalt nitrate	10141-05-6
NM-EJM1E	NPM-TT2:PRODUCTION MODULAR	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
NM-EJM1E	NPM-TT2:PRODUCTION MODULAR	Lead titanium zirconium oxide	12626-81-2
NM-EJM1E	NPM-TT2:PRODUCTION MODULAR	N, N-Dimethylacetamide	127-19-5
NM-EJM1E	NPM-TT2:PRODUCTION MODULAR	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJM1E	NPM-TT2:PRODUCTION MODULAR	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
NM-EJM1E	NPM-TT2:PRODUCTION MODULAR	Hexahydromethylphthalic anhydride	25550-51-0
NM-EJM1E	NPM-TT2:PRODUCTION MODULAR	N, N-dimethylformamide; dimethyl formamide	68-12-2
NM-EJM1E	NPM-TT2:PRODUCTION MODULAR	Lead	7439-92-1
NM-EJM1E	NPM-TT2:PRODUCTION MODULAR	Acrylamide	79-06-1
NM-EJM1E	NPM-TT2:PRODUCTION MODULAR	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJM1E	NPM-TT2:PRODUCTION MODULAR	Dibutyl phthalate (DBP)	84-74-2
NM-EJM1E	NPM-TT2:PRODUCTION MODULAR	Benzyl butyl phthalate (BBP)	85-68-7
NM-EJM1E	NPM-TT2:PRODUCTION MODULAR	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJM4D	AM100	Boric acid	10043-35-3
NM-EJM4D	AM100	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
NM-EJM4D	AM100	Lead titanium trioxide	12060-00-3
NM-EJM4D	AM100	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
NM-EJM4D	AM100	Lead titanium zirconium oxide	12626-81-2
NM-EJM4D	AM100	N, N-Dimethylacetamide	127-19-5
NM-EJM4D	AM100	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
NM-EJM4D	AM100	Hexahydro-4-methylphthalic anhydride	19438-60-9

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
NM-EJM4D	AM100	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
NM-EJM4D	AM100	Hexahydromethylphthalic anhydride	25550-51-0
NM-EJM4D	AM100	Octamethylcyclotetrasiloxane (D4)	556-67-2
NM-EJM4D	AM100	N, N-dimethylformamide; dimethyl formamide	68-12-2
NM-EJM4D	AM100	Lead	7439-92-1
NM-EJM4D	AM100	Acrylamide	79-06-1
NM-EJM4D	AM100	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJM4D	AM100	Dibutyl phthalate (DBP)	84-74-2
NM-EJM4D	AM100	Benzyl butyl phthalate (BBP)	85-68-7
NM-EJM4D	AM100	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
NM-EJM4D	AM100	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Boric acid	10043-35-3
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Lead titanium zirconium oxide	12626-81-2
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	N, N-Dimethylacetamide	127-19-5
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Hexahydromethylphthalic anhydride	25550-51-0
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	N, N-dimethylformamide; dimethyl formamide	68-12-2
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Lead	7439-92-1
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Acrylamide	79-06-1
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Dibutyl phthalate (DBP)	84-74-2
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Benzyl butyl phthalate (BBP)	85-68-7
NM-EJM6D	NPM-D3:PRODUCTION MODULAR	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Boric acid	10043-35-3
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Lead titanium zirconium oxide	12626-81-2
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	N, N-Dimethylacetamide	127-19-5
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Hexahydromethylphthalic anhydride	25550-51-0
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	N, N-dimethylformamide; dimethyl formamide	68-12-2
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Lead	7439-92-1
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Acrylamide	79-06-1
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Dibutyl phthalate (DBP)	84-74-2
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Benzyl butyl phthalate (BBP)	85-68-7
NM-EJM7D	NPM-W2 PRODUCTION MODULAR	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJP6A	SPG:SCREEN PRINTER	Boric acid	10043-35-3
NM-EJP6A	SPG:SCREEN PRINTER	Silicic acid, lead salt	11120-22-2
NM-EJP6A	SPG:SCREEN PRINTER	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
NM-EJP6A	SPG:SCREEN PRINTER	Lead titanium zirconium oxide	12626-81-2
NM-EJP6A	SPG:SCREEN PRINTER	N, N-Dimethylacetamide	127-19-5
NM-EJP6A	SPG:SCREEN PRINTER	Cadmium oxide	1306-19-0
NM-EJP6A	SPG:SCREEN PRINTER	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJP6A	SPG:SCREEN PRINTER	Hexahydromethylphthalic anhydride	25550-51-0
NM-EJP6A	SPG:SCREEN PRINTER	Decamethylcyclopentasiloxane (D5)	541-02-6
NM-EJP6A	SPG:SCREEN PRINTER	Octamethylcyclotetrasiloxane (D4)	556-67-2
NM-EJP6A	SPG:SCREEN PRINTER	N, N-dimethylformamide; dimethyl formamide	68-12-2
NM-EJP6A	SPG:SCREEN PRINTER	Lead	7439-92-1
NM-EJP6A	SPG:SCREEN PRINTER	Acrylamide	79-06-1
NM-EJP6A	SPG:SCREEN PRINTER	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJP6A	SPG:SCREEN PRINTER	Dibutyl phthalate (DBP)	84-74-2
NM-EJP6A	SPG:SCREEN PRINTER	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7



**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
NM-EJP7A	SPV	Boric acid	10043-35-3
NM-EJP7A	SPV	Silicic acid, lead salt	11120-22-2
NM-EJP7A	SPV	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
NM-EJP7A	SPV	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
NM-EJP7A	SPV	Lead titanium zirconium oxide	12626-81-2
NM-EJP7A	SPV	N, N-Dimethylacetamide	127-19-5
NM-EJP7A	SPV	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJP7A	SPV	Hexahydromethylphthalic anhydride	25550-51-0
NM-EJP7A	SPV	Decamethylcyclopentasiloxane (D5)	541-02-6
NM-EJP7A	SPV	Octamethylcyclotetrasiloxane (D4)	556-67-2
NM-EJP7A	SPV	N, N-dimethylformamide; dimethyl formamide	68-12-2
NM-EJP7A	SPV	Lead	7439-92-1
NM-EJP7A	SPV	Acrylamide	79-06-1
NM-EJP7A	SPV	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJP7A	SPV	Dibutyl phthalate (DBP)	84-74-2
NM-EJP7A	SPV	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJP9A	SPV-DC:SCREEN PRINTER	Boric acid	10043-35-3
NM-EJP9A	SPV-DC:SCREEN PRINTER	Silicic acid, lead salt	11120-22-2
NM-EJP9A	SPV-DC:SCREEN PRINTER	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
NM-EJP9A	SPV-DC:SCREEN PRINTER	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
NM-EJP9A	SPV-DC:SCREEN PRINTER	Lead titanium zirconium oxide	12626-81-2
NM-EJP9A	SPV-DC:SCREEN PRINTER	N, N-Dimethylacetamide	127-19-5
NM-EJP9A	SPV-DC:SCREEN PRINTER	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJP9A	SPV-DC:SCREEN PRINTER	Hexahydromethylphthalic anhydride	25550-51-0
NM-EJP9A	SPV-DC:SCREEN PRINTER	Decamethylcyclopentasiloxane (D5)	541-02-6
NM-EJP9A	SPV-DC:SCREEN PRINTER	Octamethylcyclotetrasiloxane (D4)	556-67-2
NM-EJP9A	SPV-DC:SCREEN PRINTER	N, N-dimethylformamide; dimethyl formamide	68-12-2
NM-EJP9A	SPV-DC:SCREEN PRINTER	Lead	7439-92-1

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
NM-EJP9A	SPV-DC:SCREEN PRINTER	Acrylamide	79-06-1
NM-EJP9A	SPV-DC:SCREEN PRINTER	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJP9A	SPV-DC:SCREEN PRINTER	Dibutyl phthalate (DBP)	84-74-2
NM-EJP9A	SPV-DC:SCREEN PRINTER	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJR7A	COMPONENT	acetate	111-15-9
NM-EJR7A	COMPONENT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
NM-EJR7A	COMPONENT	Lead titanium trioxide	12060-00-3
NM-EJR7A	COMPONENT	Lead titanium zirconium oxide	12626-81-2
NM-EJR7A	COMPONENT	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
NM-EJR7A	COMPONENT	Hexahydromethylphthalic anhydride	25550-51-0
NM-EJR7A	COMPONENT	Decamethylcyclotetrasiloxane (D5)	541-02-6
NM-EJR7A	COMPONENT	Octamethylcyclotetrasiloxane (D4)	556-67-2
NM-EJR7A	COMPONENT	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
NM-EJR7A	COMPONENT	Lead	7439-92-1
NM-EJR7A	COMPONENT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJR7A	COMPONENT	Dibutyl phthalate (DBP)	84-74-2
NM-EJR7A	COMPONENT	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
NM-EJR9A	MACHINE	Boric acid	10043-35-3
NM-EJR9A	MACHINE	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
NM-EJR9A	MACHINE	Lead titanium trioxide	12060-00-3
NM-EJR9A	MACHINE	Lead titanium zirconium oxide	12626-81-2
NM-EJR9A	MACHINE	N, N-Dimethylacetamide	127-19-5
NM-EJR9A	MACHINE	Hexahydro-4-methylphthalic anhydride	19438-60-9
NM-EJR9A	MACHINE	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
NM-EJR9A	MACHINE	Hexahydromethylphthalic anhydride	25550-51-0
NM-EJR9A	MACHINE	N, N-dimethylformamide; dimethyl formamide	68-12-2
NM-EJR9A	MACHINE	Lead	7439-92-1
NM-EJR9A	MACHINE	Acrylamide	79-06-1

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
NM-EJR9A	MACHINE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
NM-EJR9A	MACHINE	Dibutyl phthalate (DBP)	84-74-2
NM-EJR9A	MACHINE	Benzyl butyl phthalate (BBP)	85-68-7
NM-EJR9A	MACHINE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
NM-EJR9A	MACHINE	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
NM-EJW2A	INTELLIGENT FEEDER CHECK UNIT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
NM-EJW2A	INTELLIGENT FEEDER CHECK UNIT	Lead	7439-92-1
NM-EJW2A	INTELLIGENT FEEDER CHECK UNIT	Dibutyl phthalate (DBP)	84-74-2
NM-EJW8A	UNIT	2,2'-Dichloro-4,4'-methylenedianiline; 4,4'-Methylene bis(2-chloroaniline)	101-14-4
NM-EJW8A	UNIT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
NM-EJW8A	UNIT	Lead	7439-92-1
NM-EJW8A	UNIT	Acrylamide	79-06-1
NM-EJW8A	UNIT	Dibutyl phthalate (DBP)	84-74-2
NM-EJW8A	UNIT	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
NM-EJW8A	UNIT	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
PJTSC001PK	PELTIER ROLLER	Lead	7439-92-1
PM60AL-03LSR	MAGNETRON 6kW	Boric acid	10043-35-3
PY-11NDCCA-1	D.C. MOTOR PUMP	Lead	7439-92-1
PY-11NDCNBA	D.C. MOTOR PUMP	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
PY-11NDCNBA	D.C. MOTOR PUMP	Dodecamethylcyclohexasiloxane; D6	540-97-6
PY-11NDCNBA	D.C. MOTOR PUMP	Decamethylcyclopentasiloxane (D5)	541-02-6
PY-11NDCNBA	D.C. MOTOR PUMP	Octamethylcyclotetrasiloxane (D4)	556-67-2
PY-11NDCNBA	D.C. MOTOR PUMP	Lead	7439-92-1
PY-122NDCDB3	D.C. MOTOR PUMP	Lead	7439-92-1
PY-122NDDD3	D.C. MOTOR PUMP	Lead	7439-92-1
TET00038	TEACHING TIP 45MM	Lead	7439-92-1
UD-SE7900009	No.Lamp board	Lead	7439-92-1
UD-SE7900009	No.Lamp board	Dibutyl phthalate (DBP)	84-74-2

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
UD-SE7900011	No.Code Reader	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	2451-62-9
UD-SE7900011	No.Code Reader	Lead	7439-92-1
UD-SE7900013	Push-up Rod unit	Lead	7439-92-1
VL-1220/FCN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-1220/HFN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-1220/VCB	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-1220/VCN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2020/F9AB	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2020/HFN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2020/P1BB	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2020/P1GB	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2020/P1HB	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2020/VCN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2320/HFN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2320/VCN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2330/F3N	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2330/HFEN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2330/HFN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2330/VCEN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-2330/VCN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-3032/F2N	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-3032/GUFN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-3032/HF5N	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-3032/VCN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
VL-621/DN	LITHIUM RECHARGEABLE COIN - TYPE	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
YA-1MPST1Y00	TOUCH SENSOR UNIT	Lead	7439-92-1
YA-1MPST1Y00	TOUCH SENSOR UNIT	Dibutyl phthalate (DBP)	84-74-2
YA-1NPEP1	PROFI-BUS	N, N-dimethylformamide; dimethyl formamide	68-12-2

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YA-1NPEP1	PROFI-BUS	Lead	7439-92-1
YA-1RJB12Y00	POSITIONER 250KG	Boric acid	10043-35-3
YA-1RJB12Y00	POSITIONER 250KG	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1RJB12Y00	POSITIONER 250KG	Lead	7439-92-1
YA-1RJB12Y01	POSITIONER 250KG LEFT CONNECTOR	Boric acid	10043-35-3
YA-1RJB12Y01	POSITIONER 250KG LEFT CONNECTOR	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1RJB12Y01	POSITIONER 250KG LEFT CONNECTOR	Lead	7439-92-1
YA-1RJB22Y00	POSITIONER 500KG	Boric acid	10043-35-3
YA-1RJB22Y00	POSITIONER 500KG	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1RJB22Y00	POSITIONER 500KG	Lead	7439-92-1
YA-1RJB22Y01	POSITIONER 500KG	Boric acid	10043-35-3
YA-1RJB22Y01	POSITIONER 500KG	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1RJB22Y01	POSITIONER 500KG	Lead	7439-92-1
YA-1RJB32Y00	POSITIONER 1000KG	Boric acid	10043-35-3
YA-1RJB32Y00	POSITIONER 1000KG	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1RJB32Y00	POSITIONER 1000KG	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1RJB32Y00	POSITIONER 1000KG	N, N-Dimethylacetamide	127-19-5
YA-1RJB32Y00	POSITIONER 1000KG	Hexahydromethylphthalic anhydride	25550-51-0
YA-1RJB32Y00	POSITIONER 1000KG	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1RJB32Y00	POSITIONER 1000KG	Lead	7439-92-1
YA-1RJB32Y00	POSITIONER 1000KG	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1RJB32Y01	POSITIONER 1000KG	Boric acid	10043-35-3
YA-1RJB32Y01	POSITIONER 1000KG	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1RJB32Y01	POSITIONER 1000KG	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1RJB32Y01	POSITIONER 1000KG	N, N-Dimethylacetamide	127-19-5
YA-1RJB32Y01	POSITIONER 1000KG	Hexahydromethylphthalic anhydride	25550-51-0
YA-1RJB32Y01	POSITIONER 1000KG	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1RJB32Y01	POSITIONER 1000KG	Lead	7439-92-1

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YA-1RJB32Y01	POSITIONER 1000KG	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1RJC62Y00	2 AXES POSITIONER 300KG	Boric acid	10043-35-3
YA-1RJC62Y00	2 AXES POSITIONER 300KG	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1RJC62Y00	2 AXES POSITIONER 300KG	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1RJC62Y00	2 AXES POSITIONER 300KG	N, N-Dimethylacetamide	127-19-5
YA-1RJC62Y00	2 AXES POSITIONER 300KG	Hexahydromethylphthalic anhydride	25550-51-0
YA-1RJC62Y00	2 AXES POSITIONER 300KG	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1RJC62Y00	2 AXES POSITIONER 300KG	Lead	7439-92-1
YA-1RJC62Y00	2 AXES POSITIONER 300KG	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1RJC72Y00	TWO AXIS POSITIONER	Boric acid	10043-35-3
YA-1RJC72Y00	TWO AXIS POSITIONER	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1RJC72Y00	TWO AXIS POSITIONER	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1RJC72Y00	TWO AXIS POSITIONER	N, N-Dimethylacetamide	127-19-5
YA-1RJC72Y00	TWO AXIS POSITIONER	Hexahydromethylphthalic anhydride	25550-51-0
YA-1RJC72Y00	TWO AXIS POSITIONER	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1RJC72Y00	TWO AXIS POSITIONER	Lead	7439-92-1
YA-1RJC72Y00	TWO AXIS POSITIONER	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1UPEK1	TERMINAL BLOCK UNIT	Lead	7439-92-1
YA-1UPER1E00	EXTERNAL RELAY UNIT	Lead	7439-92-1
YA-1UPER1E00	EXTERNAL RELAY UNIT	Dibutyl phthalate (DBP)	84-74-2
YA-1UPEU1	PROFINET IO	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1UPEU1	PROFINET IO	Lead	7439-92-1
YA-1UPJA1	TWIN HARMONIZER	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1UPJA1	TWIN HARMONIZER	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1UPJA1	TWIN HARMONIZER	Lead	7439-92-1
YA-1VAR61E03	TM1400G3 TIG/CUT	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1VAR61E03	TM1400G3 TIG/CUT	acetate	111-15-9
YA-1VAR61E03	TM1400G3 TIG/CUT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7



**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YA-1VAR61E03	TM1400G3 TIG/CUT	Lead titanium zirconium oxide	12626-81-2
YA-1VAR61E03	TM1400G3 TIG/CUT	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1VAR61E03	TM1400G3 TIG/CUT	Decamethylcyclotetrasiloxane (D5)	541-02-6
YA-1VAR61E03	TM1400G3 TIG/CUT	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1VAR61E03	TM1400G3 TIG/CUT	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1VAR61E03	TM1400G3 TIG/CUT	Lead	7439-92-1
YA-1VAR61E03	TM1400G3 TIG/CUT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1VAR61E03	TM1400G3 TIG/CUT	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1VAR81E00	TM1800G3 CE	Boric acid	10043-35-3
YA-1VAR81E00	TM1800G3 CE	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1VAR81E00	TM1800G3 CE	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1VAR81E00	TM1800G3 CE	acetate	111-15-9
YA-1VAR81E00	TM1800G3 CE	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1VAR81E00	TM1800G3 CE	Lead titanium zirconium oxide	12626-81-2
YA-1VAR81E00	TM1800G3 CE	N, N-Dimethylacetamide	127-19-5
YA-1VAR81E00	TM1800G3 CE	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1VAR81E00	TM1800G3 CE	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1VAR81E00	TM1800G3 CE	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1VAR81E00	TM1800G3 CE	Lead	7439-92-1
YA-1VAR81E00	TM1800G3 CE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1VAR81E00	TM1800G3 CE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1VAR81E00	TM1800G3 CE	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1VCN01E00	ROBOT CONTROL DEVICE	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1VCN01E00	ROBOT CONTROL DEVICE	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1VCN01E00	ROBOT CONTROL DEVICE	acetate	111-15-9
YA-1VCN01E00	ROBOT CONTROL DEVICE	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1VCN01E00	ROBOT CONTROL DEVICE	Lead titanium zirconium oxide	12626-81-2
YA-1VCN01E00	ROBOT CONTROL DEVICE	N, N-Dimethylacetamide	127-19-5

## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YA-1VCN01E00	ROBOT CONTROL DEVICE	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene	13560-89-9
YA-1VCN01E00	ROBOT CONTROL DEVICE	stannatetradecanoate	15571-58-1
YA-1VCN01E00	ROBOT CONTROL DEVICE	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1VCN01E00	ROBOT CONTROL DEVICE	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1VCN01E00	ROBOT CONTROL DEVICE	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1VCN01E00	ROBOT CONTROL DEVICE	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1VCN01E00	ROBOT CONTROL DEVICE	Lead	7439-92-1
YA-1VCN01E00	ROBOT CONTROL DEVICE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1VCN01E00	ROBOT CONTROL DEVICE	Dibutyl phthalate (DBP)	84-74-2
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	stannatetradecanoate	15571-58-1
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	Lead	7439-92-1
YA-1VPAR1Y00	EXT AXIS CONTROLLER BASE UNIT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1VPUA1T03	SERVO AMP UNIT 1.6KW	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1VPUA1T03	SERVO AMP UNIT 1.6KW	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1VPUA1T03	SERVO AMP UNIT 1.6KW	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1VPUA1T03	SERVO AMP UNIT 1.6KW	Lead	7439-92-1
YA-1VPUA1T04	SERVO AMP UNIT 2KW	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1VPUA1T04	SERVO AMP UNIT 2KW	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1VPUA1T04	SERVO AMP UNIT 2KW	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1VPUA1T04	SERVO AMP UNIT 2KW	Lead	7439-92-1
YA-1VPUA1T05	SERVO AMP UNIT 3.5KW	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1VPUA1T05	SERVO AMP UNIT 3.5KW	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1VPUA1T05	SERVO AMP UNIT 3.5KW	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1VPUA1T05	SERVO AMP UNIT 3.5KW	Lead	7439-92-1
YA-1VPUA1T07	DC POWER SERVO DRIVER	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1VPUA1T07	DC POWER SERVO DRIVER	Octamethylcyclotetrasiloxane (D4)	556-67-2

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SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YA-1VPUA1T07	DC POWER SERVO DRIVER	Lead	7439-92-1
YA-1WAR61E00	TM1400WG3	Boric acid	10043-35-3
YA-1WAR61E00	TM1400WG3	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1WAR61E00	TM1400WG3	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1WAR61E00	TM1400WG3	acetate	111-15-9
YA-1WAR61E00	TM1400WG3	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1WAR61E00	TM1400WG3	Lead titanium zirconium oxide	12626-81-2
YA-1WAR61E00	TM1400WG3	N, N-Dimethylacetamide	127-19-5
YA-1WAR61E00	TM1400WG3	Cadmium oxide	1306-19-0
YA-1WAR61E00	TM1400WG3	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1WAR61E00	TM1400WG3	Decamethylcyclotetrasiloxane (D5)	541-02-6
YA-1WAR61E00	TM1400WG3	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR61E00	TM1400WG3	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1WAR61E00	TM1400WG3	Lead	7439-92-1
YA-1WAR61E00	TM1400WG3	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR61E00	TM1400WG3	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR61E02	TM1400WG3 CE AWP	Boric acid	10043-35-3
YA-1WAR61E02	TM1400WG3 CE AWP	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1WAR61E02	TM1400WG3 CE AWP	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1WAR61E02	TM1400WG3 CE AWP	acetate	111-15-9
YA-1WAR61E02	TM1400WG3 CE AWP	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1WAR61E02	TM1400WG3 CE AWP	Lead titanium zirconium oxide	12626-81-2
YA-1WAR61E02	TM1400WG3 CE AWP	N, N-Dimethylacetamide	127-19-5
YA-1WAR61E02	TM1400WG3 CE AWP	Cadmium oxide	1306-19-0
YA-1WAR61E02	TM1400WG3 CE AWP	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1WAR61E02	TM1400WG3 CE AWP	Decamethylcyclotetrasiloxane (D5)	541-02-6
YA-1WAR61E02	TM1400WG3 CE AWP	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR61E02	TM1400WG3 CE AWP	N, N-dimethylformamide; dimethyl formamide	68-12-2

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR61E02	TM1400WG3 CE AWP	Lead	7439-92-1
YA-1WAR61E02	TM1400WG3 CE AWP	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR61E02	TM1400WG3 CE AWP	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR61E0G	TA-1600WG3 CE	Boric acid	10043-35-3
YA-1WAR61E0G	TA-1600WG3 CE	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1WAR61E0G	TA-1600WG3 CE	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1WAR61E0G	TA-1600WG3 CE	acetate	111-15-9
YA-1WAR61E0G	TA-1600WG3 CE	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1WAR61E0G	TA-1600WG3 CE	Lead titanium zirconium oxide	12626-81-2
YA-1WAR61E0G	TA-1600WG3 CE	N, N-Dimethylacetamide	127-19-5
YA-1WAR61E0G	TA-1600WG3 CE	Cadmium oxide	1306-19-0
YA-1WAR61E0G	TA-1600WG3 CE	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1WAR61E0G	TA-1600WG3 CE	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR61E0G	TA-1600WG3 CE	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR61E0G	TA-1600WG3 CE	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1WAR61E0G	TA-1600WG3 CE	Lead	7439-92-1
YA-1WAR61E0G	TA-1600WG3 CE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR61E0G	TA-1600WG3 CE	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR61E0J	Robot TM-1600WG3AWP	Boric acid	10043-35-3
YA-1WAR61E0J	Robot TM-1600WG3AWP	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1WAR61E0J	Robot TM-1600WG3AWP	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1WAR61E0J	Robot TM-1600WG3AWP	acetate	111-15-9
YA-1WAR61E0J	Robot TM-1600WG3AWP	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1WAR61E0J	Robot TM-1600WG3AWP	Lead titanium zirconium oxide	12626-81-2
YA-1WAR61E0J	Robot TM-1600WG3AWP	N, N-Dimethylacetamide	127-19-5
YA-1WAR61E0J	Robot TM-1600WG3AWP	Cadmium oxide	1306-19-0
YA-1WAR61E0J	Robot TM-1600WG3AWP	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1WAR61E0J	Robot TM-1600WG3AWP	Decamethylcyclopentasiloxane (D5)	541-02-6

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR61E0J	Robot TM-1600WG3AWP	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR61E0J	Robot TM-1600WG3AWP	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1WAR61E0J	Robot TM-1600WG3AWP	Lead	7439-92-1
YA-1WAR61E0J	Robot TM-1600WG3AWP	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR61E0J	Robot TM-1600WG3AWP	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR61E0L	ROBOT	Boric acid	10043-35-3
YA-1WAR61E0L	ROBOT	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1WAR61E0L	ROBOT	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1WAR61E0L	ROBOT	acetate	111-15-9
YA-1WAR61E0L	ROBOT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1WAR61E0L	ROBOT	Lead titanium zirconium oxide	12626-81-2
YA-1WAR61E0L	ROBOT	N, N-Dimethylacetamide	127-19-5
YA-1WAR61E0L	ROBOT	Cadmium oxide	1306-19-0
YA-1WAR61E0L	ROBOT	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1WAR61E0L	ROBOT	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1WAR61E0L	ROBOT	Lead	7439-92-1
YA-1WAR61E0L	ROBOT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR61E0L	ROBOT	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR61E20	TM-1400WG3 for Super AWP	Boric acid	10043-35-3
YA-1WAR61E20	TM-1400WG3 for Super AWP	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1WAR61E20	TM-1400WG3 for Super AWP	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1WAR61E20	TM-1400WG3 for Super AWP	acetate	111-15-9
YA-1WAR61E20	TM-1400WG3 for Super AWP	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1WAR61E20	TM-1400WG3 for Super AWP	Lead titanium zirconium oxide	12626-81-2
YA-1WAR61E20	TM-1400WG3 for Super AWP	N, N-Dimethylacetamide	127-19-5
YA-1WAR61E20	TM-1400WG3 for Super AWP	Cadmium oxide	1306-19-0
YA-1WAR61E20	TM-1400WG3 for Super AWP	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1WAR61E20	TM-1400WG3 for Super AWP	Decamethylcyclopentasiloxane (D5)	541-02-6



**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR61E20	TM-1400WG3 for Super AWP	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR61E20	TM-1400WG3 for Super AWP	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1WAR61E20	TM-1400WG3 for Super AWP	Lead	7439-92-1
YA-1WAR61E20	TM-1400WG3 for Super AWP	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR61E20	TM-1400WG3 for Super AWP	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR61EH0	Robot TM-1400WGH3	Boric acid	10043-35-3
YA-1WAR61EH0	Robot TM-1400WGH3	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1WAR61EH0	Robot TM-1400WGH3	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1WAR61EH0	Robot TM-1400WGH3	acetate	111-15-9
YA-1WAR61EH0	Robot TM-1400WGH3	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1WAR61EH0	Robot TM-1400WGH3	Lead titanium zirconium oxide	12626-81-2
YA-1WAR61EH0	Robot TM-1400WGH3	N, N-Dimethylacetamide	127-19-5
YA-1WAR61EH0	Robot TM-1400WGH3	Cadmium oxide	1306-19-0
YA-1WAR61EH0	Robot TM-1400WGH3	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1WAR61EH0	Robot TM-1400WGH3	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1WAR61EH0	Robot TM-1400WGH3	Lead	7439-92-1
YA-1WAR61EH0	Robot TM-1400WGH3	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR61EH0	Robot TM-1400WGH3	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR61EHG	Robot TM-1600WGH3	Boric acid	10043-35-3
YA-1WAR61EHG	Robot TM-1600WGH3	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1WAR61EHG	Robot TM-1600WGH3	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1WAR61EHG	Robot TM-1600WGH3	acetate	111-15-9
YA-1WAR61EHG	Robot TM-1600WGH3	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1WAR61EHG	Robot TM-1600WGH3	Lead titanium zirconium oxide	12626-81-2
YA-1WAR61EHG	Robot TM-1600WGH3	N, N-Dimethylacetamide	127-19-5
YA-1WAR61EHG	Robot TM-1600WGH3	Cadmium oxide	1306-19-0
YA-1WAR61EHG	Robot TM-1600WGH3	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1WAR61EHG	Robot TM-1600WGH3	Decamethylcyclopentasiloxane (D5)	541-02-6



**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR61EHG	Robot TM-1600WGH3	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR61EHG	Robot TM-1600WGH3	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1WAR61EHG	Robot TM-1600WGH3	Lead	7439-92-1
YA-1WAR61EHG	Robot TM-1600WGH3	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR61EHG	Robot TM-1600WGH3	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR61EHJ	TM-1600WGH3 WELDING ROBOT	Boric acid	10043-35-3
YA-1WAR61EHJ	TM-1600WGH3 WELDING ROBOT	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1WAR61EHJ	TM-1600WGH3 WELDING ROBOT	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1WAR61EHJ	TM-1600WGH3 WELDING ROBOT	acetate	111-15-9
YA-1WAR61EHJ	TM-1600WGH3 WELDING ROBOT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1WAR61EHJ	TM-1600WGH3 WELDING ROBOT	Lead titanium zirconium oxide	12626-81-2
YA-1WAR61EHJ	TM-1600WGH3 WELDING ROBOT	N, N-Dimethylacetamide	127-19-5
YA-1WAR61EHJ	TM-1600WGH3 WELDING ROBOT	Cadmium oxide	1306-19-0
YA-1WAR61EHJ	TM-1600WGH3 WELDING ROBOT	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1WAR61EHJ	TM-1600WGH3 WELDING ROBOT	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1WAR61EHJ	TM-1600WGH3 WELDING ROBOT	Lead	7439-92-1
YA-1WAR61EHJ	TM-1600WGH3 WELDING ROBOT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR61EHJ	TM-1600WGH3 WELDING ROBOT	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR81E00	TM-1800WG3 CE	Boric acid	10043-35-3
YA-1WAR81E00	TM-1800WG3 CE	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1WAR81E00	TM-1800WG3 CE	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1WAR81E00	TM-1800WG3 CE	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1WAR81E00	TM-1800WG3 CE	acetate	111-15-9
YA-1WAR81E00	TM-1800WG3 CE	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1WAR81E00	TM-1800WG3 CE	Lead titanium zirconium oxide	12626-81-2
YA-1WAR81E00	TM-1800WG3 CE	N, N-Dimethylacetamide	127-19-5
YA-1WAR81E00	TM-1800WG3 CE	Cadmium oxide	1306-19-0
YA-1WAR81E00	TM-1800WG3 CE	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR81E00	TM-1800WG3 CE	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR81E00	TM-1800WG3 CE	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR81E00	TM-1800WG3 CE	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1WAR81E00	TM-1800WG3 CE	Lead	7439-92-1
YA-1WAR81E00	TM-1800WG3 CE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR81E00	TM-1800WG3 CE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR81E00	TM-1800WG3 CE	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR81EOG	ROBOT	Boric acid	10043-35-3
YA-1WAR81EOG	ROBOT	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1WAR81EOG	ROBOT	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1WAR81EOG	ROBOT	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1WAR81EOG	ROBOT	acetate	111-15-9
YA-1WAR81EOG	ROBOT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1WAR81EOG	ROBOT	Lead titanium zirconium oxide	12626-81-2
YA-1WAR81EOG	ROBOT	N, N-Dimethylacetamide	127-19-5
YA-1WAR81EOG	ROBOT	Cadmium oxide	1306-19-0
YA-1WAR81EOG	ROBOT	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1WAR81EOG	ROBOT	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR81EOG	ROBOT	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR81EOG	ROBOT	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1WAR81EOG	ROBOT	Lead	7439-92-1
YA-1WAR81EOG	ROBOT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR81EOG	ROBOT	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR81EOG	ROBOT	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Boric acid	10043-35-3
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	acetate	111-15-9
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Lead titanium zirconium oxide	12626-81-2
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	N, N-Dimethylacetamide	127-19-5
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Cadmium oxide	1306-19-0
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Lead	7439-92-1
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR81EH0	Robot Tawers TM-1800WGH3	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WAR81EHG	ROBOT	Boric acid	10043-35-3
YA-1WAR81EHG	ROBOT	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1WAR81EHG	ROBOT	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1WAR81EHG	ROBOT	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1WAR81EHG	ROBOT	acetate	111-15-9
YA-1WAR81EHG	ROBOT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1WAR81EHG	ROBOT	Lead titanium zirconium oxide	12626-81-2
YA-1WAR81EHG	ROBOT	N, N-Dimethylacetamide	127-19-5
YA-1WAR81EHG	ROBOT	Cadmium oxide	1306-19-0
YA-1WAR81EHG	ROBOT	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1WAR81EHG	ROBOT	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1WAR81EHG	ROBOT	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1WAR81EHG	ROBOT	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1WAR81EHG	ROBOT	Lead	7439-92-1
YA-1WAR81EHG	ROBOT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YA-1WAR81EHG	ROBOT	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1WAR81EHG	ROBOT	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1WPUR1	Torch cooling unit for Super Active	Lead	7439-92-1
YA-1YAR81E06	TL1800G3 TIG FILLER	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1YAR81E06	TL1800G3 TIG FILLER	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1YAR81E06	TL1800G3 TIG FILLER	acetate	111-15-9
YA-1YAR81E06	TL1800G3 TIG FILLER	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1YAR81E06	TL1800G3 TIG FILLER	Lead titanium zirconium oxide	12626-81-2
YA-1YAR81E06	TL1800G3 TIG FILLER	N, N-Dimethylacetamide	127-19-5
YA-1YAR81E06	TL1800G3 TIG FILLER	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1YAR81E06	TL1800G3 TIG FILLER	Decamethylcyclotetrasiloxane (D5)	541-02-6
YA-1YAR81E06	TL1800G3 TIG FILLER	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1YAR81E06	TL1800G3 TIG FILLER	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1YAR81E06	TL1800G3 TIG FILLER	Lead	7439-92-1
YA-1YAR81E06	TL1800G3 TIG FILLER	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1YAR81E06	TL1800G3 TIG FILLER	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1YAR81E06	TL1800G3 TIG FILLER	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1YK3T1T00	TIG rotating kit: Welding torch: YT-TCT4	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1YK3T1T00	TIG rotating kit: Welding torch: YT-TCT4	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1YK3T1T00	TIG rotating kit: Welding torch: YT-TCT4	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1YK3T1T00	TIG rotating kit: Welding torch: YT-TCT4	Lead	7439-92-1
YA-1YK3T1T00	TIG rotating kit: Welding torch: YT-TCT4	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1YK3T1T00	TIG rotating kit: Welding torch: YT-TCT4	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1ZAR81E00	TL1800WG3 CE	Boric acid	10043-35-3
YA-1ZAR81E00	TL1800WG3 CE	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1ZAR81E00	TL1800WG3 CE	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1ZAR81E00	TL1800WG3 CE	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1ZAR81E00	TL1800WG3 CE	acetate	111-15-9

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YA-1ZAR81E00	TL1800WG3 CE	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1ZAR81E00	TL1800WG3 CE	Lead titanium zirconium oxide	12626-81-2
YA-1ZAR81E00	TL1800WG3 CE	N, N-Dimethylacetamide	127-19-5
YA-1ZAR81E00	TL1800WG3 CE	Cadmium oxide	1306-19-0
YA-1ZAR81E00	TL1800WG3 CE	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1ZAR81E00	TL1800WG3 CE	Decamethylcyclopentasiloxane (D5)	541-02-6
YA-1ZAR81E00	TL1800WG3 CE	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1ZAR81E00	TL1800WG3 CE	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1ZAR81E00	TL1800WG3 CE	Lead	7439-92-1
YA-1ZAR81E00	TL1800WG3 CE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1ZAR81E00	TL1800WG3 CE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1ZAR81E00	TL1800WG3 CE	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YA-1ZAR81EH1	TL2000WGH3 CE	Boric acid	10043-35-3
YA-1ZAR81EH1	TL2000WGH3 CE	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-1ZAR81EH1	TL2000WGH3 CE	4,4'-Oxydianiline; p-Aminophenyl ether	101-80-4
YA-1ZAR81EH1	TL2000WGH3 CE	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YA-1ZAR81EH1	TL2000WGH3 CE	acetate	111-15-9
YA-1ZAR81EH1	TL2000WGH3 CE	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-1ZAR81EH1	TL2000WGH3 CE	Lead titanium zirconium oxide	12626-81-2
YA-1ZAR81EH1	TL2000WGH3 CE	N, N-Dimethylacetamide	127-19-5
YA-1ZAR81EH1	TL2000WGH3 CE	Cadmium oxide	1306-19-0
YA-1ZAR81EH1	TL2000WGH3 CE	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
YA-1ZAR81EH1	TL2000WGH3 CE	Octamethylcyclotetrasiloxane (D4)	556-67-2
YA-1ZAR81EH1	TL2000WGH3 CE	N, N-dimethylformamide; dimethyl formamide	68-12-2
YA-1ZAR81EH1	TL2000WGH3 CE	Lead	7439-92-1
YA-1ZAR81EH1	TL2000WGH3 CE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-1ZAR81EH1	TL2000WGH3 CE	1-methyl-2-pyrrolidone (NMP); N-methyl-2-pyrrolidone	872-50-4
YA-1ZAR81EH1	TL2000WGH3 CE	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7

## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YA-321UHT115	SAFETY HOLDER	Lead	7439-92-1
YA-321UHT120	SAFETY HOLDER	Lead	7439-92-1
YA-321UHT122	Safety Holder	Lead	7439-92-1
YA-ANBC41	ENCODER MODIFICATION UNIT	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-ANBC41	ENCODER MODIFICATION UNIT	Lead	7439-92-1
YA-ANBC41T01	ENCODER MODIFICATION UNIT	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YA-ANBC41T01	ENCODER MODIFICATION UNIT	Lead	7439-92-1
YA-ANBK11Y00	INTERFACE BOX	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-ANBK11Y00	INTERFACE BOX	N, N-Dimethylacetamide	127-19-5
YA-ANBK11Y00	INTERFACE BOX	Lead	7439-92-1
YA-ANBK11Y00	INTERFACE BOX	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YA-AVBST1T01	TOUCH SENSOR BOX	Lead	7439-92-1
YA-AVBST1T01	TOUCH SENSOR BOX	Dibutyl phthalate (DBP)	84-74-2
YA-AVBT21Y00	HF START UNIT	tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YA-AVBT21Y00	HF START UNIT	Cobalt nitrate	10141-05-6
YA-AVBT21Y00	HF START UNIT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YA-AVBT21Y00	HF START UNIT	N, N-Dimethylacetamide	127-19-5
YA-AVBT21Y00	HF START UNIT	Lead	7439-92-1
YA-AVBT21Y00	HF START UNIT	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YAB66	BATTERY	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Cobalt nitrate	10141-05-6
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Trixylyl phosphate	25155-23-1
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Lead	7439-92-1
YC-300BP2YAF	300BP2 AC DC TIG POWER SOURCE 300A	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YC-300BZ3YHD	300BZ3 DC TIG WELDING MACHINE	Cobalt nitrate	10141-05-6
YC-300BZ3YHD	300BZ3 DC TIG WELDING MACHINE	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7



## Panasonic Industry Europe GmbH - SVHC Positive list

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YC-300BZ3YHD	300BZ3 DC TIG WELDING MACHINE	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
YC-300BZ3YHD	300BZ3 DC TIG WELDING MACHINE	Trixylyl phosphate	25155-23-1
YC-300BZ3YHD	300BZ3 DC TIG WELDING MACHINE	N, N-dimethylformamide; dimethyl formamide	68-12-2
YC-300BZ3YHD	300BZ3 DC TIG WELDING MACHINE	Lead	7439-92-1
YC-300BZ3YHD	300BZ3 DC TIG WELDING MACHINE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YD-350GB2YHD	350GB2 DIGITAL POWER SOURCE	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YD-350GB2YHD	350GB2 DIGITAL POWER SOURCE	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YD-350GB2YHD	350GB2 DIGITAL POWER SOURCE	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
YD-350GB2YHD	350GB2 DIGITAL POWER SOURCE	N, N-dimethylformamide; dimethyl formamide	68-12-2
YD-350GB2YHD	350GB2 DIGITAL POWER SOURCE	Lead	7439-92-1
YD-350GB2YHD	350GB2 DIGITAL POWER SOURCE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YD-350GB2YHD	350GB2 DIGITAL POWER SOURCE	Dibutyl phthalate (DBP)	84-74-2
YD-350GE2YHD	350GE2 DIGITAL POWER SOURCE	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	101-77-9
YD-350GE2YHD	350GE2 DIGITAL POWER SOURCE	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YD-350GE2YHD	350GE2 DIGITAL POWER SOURCE	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
YD-350GE2YHD	350GE2 DIGITAL POWER SOURCE	N, N-dimethylformamide; dimethyl formamide	68-12-2
YD-350GE2YHD	350GE2 DIGITAL POWER SOURCE	Lead	7439-92-1
YD-350GE2YHD	350GE2 DIGITAL POWER SOURCE	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YD-350GE2YHD	350GE2 DIGITAL POWER SOURCE	Dibutyl phthalate (DBP)	84-74-2
YL-F40AA1Y00	DIRECT DIODE LASER	tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YL-F40AA1Y00	DIRECT DIODE LASER	Boric acid	10043-35-3
YL-F40AA1Y00	DIRECT DIODE LASER	2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
YL-F40AA1Y00	DIRECT DIODE LASER	acetate	111-15-9
YL-F40AA1Y00	DIRECT DIODE LASER	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YL-F40AA1Y00	DIRECT DIODE LASER	Disodium tetraborate pentahydrate; Borax pentahydrate	12179-04-3
YL-F40AA1Y00	DIRECT DIODE LASER	N, N-Dimethylacetamide	127-19-5
YL-F40AA1Y00	DIRECT DIODE LASER	Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4
YL-F40AA1Y00	DIRECT DIODE LASER	Hexahydromethylphthalic anhydride	25550-51-0

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YL-F40AA1Y00	DIRECT DIODE LASER	N, N-dimethylformamide; dimethyl formamide	68-12-2
YL-F40AA1Y00	DIRECT DIODE LASER	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4
YL-F40AA1Y00	DIRECT DIODE LASER	Lead	7439-92-1
YL-F40AA1Y00	DIRECT DIODE LASER	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YL-F40AA1Y00	DIRECT DIODE LASER	Dibutyl phthalate (DBP)	84-74-2
YL-F40AA1Y00	DIRECT DIODE LASER	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
YT-CAT352	ROBOT TORCH	Lead	7439-92-1
YT-CAT352C16	ROBOT TORCH	Lead	7439-92-1
YT-CAT353T13	ROBOT TORCH	tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YT-CAT353T13	ROBOT TORCH	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CAT353T13	ROBOT TORCH	Lead	7439-92-1
YT-CAT353T13	ROBOT TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CAT353T17	ROBOT TORCH	tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YT-CAT353T17	ROBOT TORCH	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CAT353T17	ROBOT TORCH	Lead	7439-92-1
YT-CAT353T17	ROBOT TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CAT353T1C	ROBOT TORCH	tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YT-CAT353T1C	ROBOT TORCH	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CAT353T1C	ROBOT TORCH	Lead	7439-92-1
YT-CAT353T1C	ROBOT TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CAT353T1G	ROBOT TORCH	tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YT-CAT353T1G	ROBOT TORCH	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CAT353T1G	ROBOT TORCH	Lead	7439-92-1
YT-CAT353T1G	ROBOT TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CAT353T1H	WELDING TORCH	tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YT-CAT353T1H	WELDING TORCH	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CAT353T1H	WELDING TORCH	Lead	7439-92-1
YT-CAT353T1H	WELDING TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7

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SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YT-CAT353T1L	ROBOT TORCH	tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YT-CAT353T1L	ROBOT TORCH	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CAT353T1L	ROBOT TORCH	Lead	7439-92-1
YT-CAT353T1L	ROBOT TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CAT353T29	CO2 WELDING TORCH WG1.2M	tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YT-CAT353T29	CO2 WELDING TORCH WG1.2M	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CAT353T29	CO2 WELDING TORCH WG1.2M	Lead	7439-92-1
YT-CAT353T29	CO2 WELDING TORCH WG1.2M	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CAW402T03	CO2 TORCH WATER COOLED TA-1800WG	tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YT-CAW402T03	CO2 TORCH WATER COOLED TA-1800WG	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CAW402T03	CO2 TORCH WATER COOLED TA-1800WG	Lead	7439-92-1
YT-CAW402T03	CO2 TORCH WATER COOLED TA-1800WG	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CAW402T0G	CO2 WATER COOLED TORCH	tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YT-CAW402T0G	CO2 WATER COOLED TORCH	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CAW402T0G	CO2 WATER COOLED TORCH	Lead	7439-92-1
YT-CAW402T0G	CO2 WATER COOLED TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CAW502T0G	TA-1400G2 1.2M WATERCOOLED	tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YT-CAW502T0G	TA-1400G2 1.2M WATERCOOLED	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CAW502T0G	TA-1400G2 1.2M WATERCOOLED	Lead	7439-92-1
YT-CAW502T0G	TA-1400G2 1.2M WATERCOOLED	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CAW503T08	500A TORCH WATER COOLED 1.6M CLAMP	tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YT-CAW503T08	500A TORCH WATER COOLED 1.6M CLAMP	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CAW503T08	500A TORCH WATER COOLED 1.6M CLAMP	Lead	7439-92-1
YT-CAW503T08	500A TORCH WATER COOLED 1.6M CLAMP	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CAW503T0G	TA1400G3	tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3
YT-CAW503T0G	TA1400G3	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CAW503T0G	TA1400G3	Lead	7439-92-1
YT-CAW503T0G	TA1400G3	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7

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SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YT-CET351TS0	SERVO PULL TORCH TA1400	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CET351TS0	SERVO PULL TORCH TA1400	Lead	7439-92-1
YT-CET351TS0	SERVO PULL TORCH TA1400	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CET351TS2	SERVO PULL TORCH TM1800	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CET351TS2	SERVO PULL TORCH TM1800	Lead	7439-92-1
YT-CET351TS2	SERVO PULL TORCH TM1800	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CET351TS7	TORCH	Lead	7439-92-1
YT-CET351TS7	TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CJT351TD1	SERVO PULL TORCH	2-Methoxyethanol; ethylene glycol monomethyl ether; methylglycol	109-86-4
YT-CJT351TD1	SERVO PULL TORCH	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CJT351TD1	SERVO PULL TORCH	Lead	7439-92-1
YT-CJT351TD1	SERVO PULL TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CJT351TS0	Servo Pull Super Active Wire	2-Methoxyethanol; ethylene glycol monomethyl ether; methylglycol	109-86-4
YT-CJT351TS0	Servo Pull Super Active Wire	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CJT351TS0	Servo Pull Super Active Wire	Lead	7439-92-1
YT-CJT351TS0	Servo Pull Super Active Wire	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-CJT351TS2	SERVO PULL TORCH	2-Methoxyethanol; ethylene glycol monomethyl ether; methylglycol	109-86-4
YT-CJT351TS2	SERVO PULL TORCH	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-CJT351TS2	SERVO PULL TORCH	Lead	7439-92-1
YT-CJT351TS2	SERVO PULL TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-MET351TS0	SERVO PULL TORCH	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-MET351TS0	SERVO PULL TORCH	Lead	7439-92-1
YT-MET351TS0	SERVO PULL TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-MET351TS2	SERVO PULL TORCH	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-MET351TS2	SERVO PULL TORCH	Lead	7439-92-1
YT-MET351TS2	SERVO PULL TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-MJT351TS0	CO2 TORCH	2-Methoxyethanol; ethylene glycol monomethyl ether; methylglycol	109-86-4
YT-MJT351TS0	CO2 TORCH	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
YT-MJT351TS0	CO2 TORCH	Lead	7439-92-1
YT-MJT351TS0	CO2 TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-MJT351TS2	CO2 TORCH	2-Methoxyethanol; ethylene glycol monomethyl ether; methylglycol	109-86-4
YT-MJT351TS2	CO2 TORCH	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-MJT351TS2	CO2 TORCH	Lead	7439-92-1
YT-MJT351TS2	CO2 TORCH	Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
YT-TCT401	TIG TORCH FOR ROBOT	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YT-TCT401	TIG TORCH FOR ROBOT	Lead	7439-92-1
YW-CLF031	TA1400 WIRE REEL STAND	Cobalt nitrate	10141-05-6
YW-CLF031	TA1400 WIRE REEL STAND	Lead	7439-92-1
YW-CNF021T0B	TA1600 WIRE FEEDER 1.2/1.6	Cobalt nitrate	10141-05-6
YW-CNF021T0B	TA1600 WIRE FEEDER 1.2/1.6	Lead	7439-92-1
YW-CRF011T00	WIRE FEEDER	Lead	7439-92-1
YW-CRF011T00	WIRE FEEDER	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YW-CRF011T07	WIRE FEEDER	Lead	7439-92-1
YW-CRF011T07	WIRE FEEDER	Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
YW-PCF041E00	WIRE BOOSTER	Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	117-81-7
YW-PCF041E00	WIRE BOOSTER	Lead	7439-92-1
YW-TGF011T02	WIRE FEEDER	Lead	7439-92-1
LC-CA1212P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-CA1212P1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7

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SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
LC-CA1215P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-CA1215P1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-CA1216P1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P0612P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P12120P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P12150BP	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P12200BP	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P1220P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7



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SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
LC-P1224APG	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P1228AP	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P122R2J	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
LC-P1238APG	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P1242AP	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P1275P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P127R2P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-P127R2P1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-PA1212P1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-PA1216P1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7

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SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
LC-PD1217P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-PD1217PG	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-R0612P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-R061R3P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
LC-R063R4P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
LC-R064R5P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
LC-R067R2P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-R067R2P1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-R121R3PG	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
LC-R122R2PG	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
LC-R123R4PG	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0

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SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
LC-R127R2PG	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-R127R2PG1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-RA1212PG	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-RA1212PG1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-RA1215P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-RA1215P1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-RN0612P1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-RN067R2P1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-T1270P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7

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SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
LC-V1233P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-V127R2PG1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-VA1212PG1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-WTP1212E	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-WTV1212E	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-WTV127R2E	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-X1265PG	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-XB12100P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-XC1222P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7

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SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
LC-XC1228AP	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-XC1228P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-XC1238P	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Disodium tetraborate decahydrate; borax decahydrate	1303-96-4
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-XD1217APG	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
LC-XD1217PG	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
UP-PW1245P1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
UP-VW0645P1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
UP-VW1220P1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
UP-VW1236P1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7

**Panasonic Industry Europe GmbH - SVHC Positive list**

SVHC concentration > 0.1 w/w % - component level

Product code	Product description	Substance name	CAS No.
UP-VW1245P1	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7
UP-VWA1232P2	COMPACT SEALED LEAD - ACID BATTERY	LEAD	7439-92-1
		Lead(IV) oxide; Lead peroxide	1309-60-0
		Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl)phthalate; DEHP	117-81-7