



SAFETY DATA SHEET

According to EC 1907/2006 (REACH)

Date last verification : 2017-05-29
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Version number : 2.0

Last modifications in sections : 2 - 3

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

SDS : 32946
Product code : 8826 903 22010
Supplier : PHILIPS CONSUMER LIFESTYLE, DRACHTEN
Oliemolenstraat 5 Tussendiepen 4
9203 ZN Drachten 9206 AD Drachten
The Netherlands The Netherlands
Tradename : CA6903/22 AQUACLEAN MULTIPACK WE+CEE

1.2. Relevant identified uses of the substance or mixture and uses advised against

General description : FILTER
Use : Various
Uses advised against : Data not available.

1.3. Details of the supplier of the safety data sheet

Supplier safety data sheet : Philips Electronics Nederland B.V., Philips Environment & Safety, High Tech Campus 37, 5656 AE Eindhoven, Tel. +31 (0)40 27 41 645
Responsible department : dangerous.goods@philips.com

1.4. Emergency telephone number

Emergency telephone number : +31 (0)497-598315

* SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

(EC) No 1272/2008

Not classified.

2.2. Label elements

(EC) No 1272/2008

Label : not applicable

Remarks on labelling : Not classified according to CLP-regulation 1272/2008/EEC.

2.3. Other hazards

If applicable: see section 6.1 and section 7.1.

* SECTION 3: Composition/information on ingredients

Component	CAS-no. EC-no.	Index No. Registration no.	Percentage(%)	Label
POLYETHYLENE	9002-88-4			
CARBON, AMORPHOUS	7440-44-0 231-153-3	01-2119966900-32		
SILVER POWDER	7440-22-4			GHS09

Component	CAS-no.	Index No.	Percentage(%)	Label
	EC-no.	Registration no.		
	231-131-3	01-2119555669-21		H400 Aquatic acute 1 H410 Aquatic chronic 1

For the full text of the H-sentences mentioned in this section, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Skin : Not applicable.
Ingestion : Not applicable.
Inhalation : Not applicable.
Eyes : Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

Skin local : Not applicable.
 Skin general : Not applicable.
 Ingestion local : Not applicable.
 Ingestion general : Not applicable.
 Inhalation local : Not applicable.
 Inhalation general : Not applicable.
 Eyes local : Not applicable.
 Remarks symptoms : None

4.3. Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable fire-extinguisher

determined by surrounding

Unsuitable fire-extinguisher

not traceable

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in fire : carbon monoxide, silver oxides

5.3. Advice for firefighters

In the event of fire, wear protective clothing and use breathing apparatus that is independent of the ambient air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Precautions

Use protective equipment. See section 8.

Emergency procedure

Is not to be expected.

6.2. Environmental precautions

Remainder material has to be incinerated in_a proper installation or dumped on an approved landfill, in accordance with local and national legislation.

6.3. Methods and material for containment and cleaning up

Spillage procedure

not applicable

6.4. Reference to other sections

See section 8 for appropriate personal protection.
 See section 13 for additional information on waste treatment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Observe label precautions.

Local exhausting : Under normal circumstances not applicable.

Storage code (on behalf of PGS 15) : none

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : See also any precautionary statements in section 2.2.
No special precautions.

7.3. Specific end use(s)

Data not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

applicable to: The Netherlands (20 °C; 1013 mbar)

No TWA has been laid down.

TWA(8 hours): 2 mg/m³

TWA(8 hours): 0.1 mg/m³

POLYETHYLENE

CARBON, AMORPHOUS(as respirable dust)

SILVER POWDER

(Statutory threshold limit value)

applicable to: Belgium (20 °C; 1013 mbar)

TWA(8 hours): 0.1 mg/m³

SILVER POWDER

applicable to: Germany (20 °C; 1013 mbar)

TWA(8 hours): 3 mg/m³

TWA(8 hours): 0.1 mg/m³

CARBON, AMORPHOUS(as respirable dust)

SILVER POWDER(as inhalable dust)

applicable to: United States of America (25 °C; 1013 mbar)

TWA(8 hours): 0.1 mg/m³

SILVER POWDER- [according to ACGIH]

applicable to: Sweden (20 °C; 1013 mbar)

TWA(8 hours): 0.1 mg/m³

SILVER POWDER(as dust)

applicable to: Switzerland (20 °C; 1013 mbar)

TWA(8 hours): 0.1 mg/m³

TWA(15 minutes): 0.8 mg/m³

SILVER POWDER(as inhalable dust)

SILVER POWDER(as inhalable dust)

applicable to: China (20 °C; 1013 mbar)

TWA(8 hours): 5 mg/m³

POLYETHYLENE(as dust)

applicable to: European Union (20 °C; 1013 mbar)

TWA(8 hours): 0.1 mg/m³

SILVER POWDER

C=Ceiling; S=Skin

Remarks exposure limits :

none

DNEL (Derived No Effect Level)

Worker - Inhalation - Long term exposure - Systemic effects: 0.1 mg/m³

SILVER POWDER

Source : Chemicalcards

PNEC (Predicted No Effect Concentration)

Fresh water: 0.00004 mg/l

Marine water: 0.00086 mg/l

SILVER POWDER

SILVER POWDER

Source : Chemicalcards

Source : Chemicalcards

8.2. Exposure controls

Advised personal protection :

Hands : not applicable

Breakthrough time : not applicable

Eyes : not applicable

Inhalation : not applicable

Skin : none (when used normally)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : article

Colour : type dependent

Odour : odourless

Odour threshold (20°C; 1013 mbar) : not traceable

pH : not applicable

Melting point/range	: not traceable
Boiling point/range	: not traceable
Flash point/range	: not applicable
Vapor rate/range	: not applicable
Flammability (solid, gas)	: data not available
Explosive limits	: not applicable
Vapour pressure	: not applicable
Density	: not traceable
Solubility in water	: not applicable
Log Po/w	: not traceable
Autoignition temperature	: not traceable
Decomposition temperature	: not traceable
Viscosity	: not applicable
Dust explosions possible in air	: not applicable
Oxidising properties	: no

9.2. Other information

Solubility in fat	: not applicable
Electrostatic chargement	: not traceable

SECTION 10: Stability and reactivity

10.1. Reactivity

See section 10.2 - 10.6.

10.2. Chemical stability

The substance or mixture is stable under normal conditions. See also section 10.4.

10.3. Possibility of hazardous reactions

Reactions with water	: no
Other hazardous conditions	: Data not available.

10.4. Conditions to avoid

Data not available.

10.5. Incompatible materials

Hazardous reactions with	: none
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10.6. Hazardous decomposition products

Hazardous decomposition products at heating	: none
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

LD-50: >2 g/kg (ORL-RAT)	POLYETHYLENE
LD-50: >10 g/kg (ORL-RAT)	CARBON, AMORPHOUS
LD-50: >2.0 g/kg (ORL-RAT)	SILVER POWDER

Method : OECD 401
Source : IUCLID

Acute dermal toxicity

There are no data available.

Acute inhalation toxicity

There are no data available.

Ames test

not traceable

Skin corrosion/irritation

The substance or mixture is not classified for skin corrosion/-irritation.

Serious eye damage/irritation

The substance or mixture is not classified for serious eye damage/irritation.

Respiratory or skin sensitisation

The substance or mixture is not classified for respiratory or skin sensitisation.

Germ cell mutagenicity

The substance or mixture is not classified for germ cell mutagenicity.

Carcinogenicity

The substance or mixture is not classified for carcinogenicity.

Additional information regarding carcinogenicity (NTP, IARC, OSHA)

NTP: no	IARC: 3	OSHA: no	POLYETHYLENE
NTP: no	IARC: no	OSHA: no	CARBON, AMORPHOUS
NTP: no	IARC: no	OSHA: no	SILVER POWDER

Reproductive toxicity

The substance or mixture is not classified for reproductive toxicity.

Specific target organ toxicity-single exposure

The substance or mixture is not classified for specific target organ toxicity-single exposure.

Specific target organ toxicity-repeated exposure

The substance or mixture is not classified for specific target organ toxicity-repeated exposure.

Aspiration hazard

The substance or mixture is not classified for aspiration hazard.

Symptoms

Skin	local	: Not applicable.
	general	: Not applicable.
Ingestion	local	: Not applicable.
	general	: Not applicable.
Inhalation	local	: Not applicable.
	general	: Not applicable.
Eyes	local	: Not applicable.
	general	: Not applicable.
Remarks symptoms		: None

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

LC-50: 0.029 mg/l/96H (Fish)	SILVER POWDER	Source	: Merck
EC-50: 0.0052 mg/l/48H (Daphnia)	SILVER POWDER	Source	: Merck
IC-50: 0.047 mg/l/72H (Algae)	SILVER POWDER	Source	: Merck

12.2. Persistence and degradability

Biological oxygen demand (5)	: 0.0015 g/g	CARBON, AMORPHOUS
Chemical oxygen demand	: 2 g/g	CARBON, AMORPHOUS
Biological/chemical oxygen demand ratio	: not traceable	
Degradability	: not traceable	

12.3. Bioaccumulative potential

Bioconcentration factor (BCF)	: not traceable
Log Po/w	: not traceable

12.4. Mobility in soil

Henry Constant	: 8.45E-15 atm m ³ /mol	SILVER POWDER	Source	: Easi View
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12.5. Results of PBT and vPvB assessment

Data not available.

12.6. Other adverse effects

Remarks on ecotoxicity	: none
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Remainder material has to be incinerated in_a proper installation or dumped on an approved landfill, in accordance with local and national legislation.

SECTION 14: Transport information

14.1. UN number

Not subject to Transport-regulation Dangerous Substances

14.2. UN proper shipping name

Not subject to Transport-regulation Dangerous Substances

14.3. Transport hazard class(es)

Not subject to Transport-regulation Dangerous Substances

14.4. Packing group

Not subject to Transport-regulation Dangerous Substances

14.5. Environmental hazards

Marine pollutant : no

14.6. Special precautions for user

Not subject to Transport-regulation Dangerous Substances

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Data not available.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Articles are exempted from the Toxic Substances Control Act Inventory (TSCA-USA).
- The component(s), as mentioned in section 3, are registered in the Toxic Substances Control Act Inventory (TSCA-USA).

15.2. Chemical safety assessment

- Data not available.

SECTION 16: Other information

Remarks on SDS : none

Overview relevant H-sentences from all components in section 3

H410 Very toxic to aquatic life with long lasting effects.

Training advice

Provide adequate information, instruction and training for operators.

A key or legend to abbreviations and acronyms used in the safety data sheet

REACH	Registration, Evaluation and Authorisation of CHemicals
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
CAS	Chemical Abstracts Service
TGG = TWA	Time Weighted Average
LEL	Lower Explosive Limit
UEL	Upper Explosive Limit
NTP	National Toxicology Program
KHC	Known Human Carcinogen
RAHC	Reasonably Anticipated Human Carcinogen
IARC	International Agency for Research on Cancer
OSHA	Occupational Safety & Health Administration
ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
RID	Règlement concernant le transport international ferroviaire des marchandises dangereuses
UN	United Nations
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
EmS	Emergency Schedule

* Point to alterations with regard to the previous version.

The information provided in this Safety Data Sheet is believed to be correct as of the date issued. Philips Electronics Nederland B.V. makes no warranty as to its contents, nor as to its fitness for any particular purpose or use.