SAFETY DATA SHEET

According to EC 1907/2006 (REACH)

Date last verification : 2017-05-29
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Version number : 8.0

Last modifications in sections : 2 - 3

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

1.1. Product identifier

SDS : 26460
Product code 12nc : 1322 536 63701
Supplier : IBEDA-CHEMIE

Am Eichelgärtchen 32
D-56283 Halsenbach
Germany
TEL:+49 (0)6747-9501-0
FAX:+49 (0)6747-9501-11
EMG:+49 (0)6131-19240

Tradename : PHILIPS SAECO COFFEE OIL REMOVER, MIXTURE

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

General description : CLEANER, TABLETS
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

Skin irritation	Category 2	H315
Serious eye irritation	Category 2	H319

2.2. Label elements

(EC) No 1272/2008

Hazard pictogram(s)

Signal word : Warning

Hazard statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.

Precautionary statements

P102	Keep out of reach of children.
P264	Wash hands/skin thoroughly after handling.
P280.7	Wear protective gloves/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

Hazardous component(s) : not applicable

Remarks on labelling Labelling based on additional supplier information.

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
SODIUM CARBONATE	497-19-8 / 207-838-8	011-005-00-2 / 01-2119485498-19	≥25.0 - <50.0	GHS07 H319 Eye irrit. 2
CITRIC ACID MONOHYDRATE	5949-29-1 / 201-069-1	/ 01-2119457026-42	<15.0	GHS07 H319 Eye irrit. 2
POTASSIUM PEROXYMONOSULFATE SULFATE	70693-62-8 / 274-778-7	/ 01-2119485567-22	<15.0	GHS03 GHS05 GHS07 H271 Ox. sol. 1 H302 Acute tox. 4 H314 Skin corr. 1B
PHOSPHONATES	/	/	≥5.0 - <15.0	
BLEACHING AGENT	/	/	≥5.0 - <15.0	

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 : Remove contaminated clothes as soon as possible. Remove residue substance as soon as possible (e.g. rinse with plenty of water). In case of a serious exposure call for a doctor.

Ingestion : If victim is conscious let him rinse the mouth with water. Do NOT let him drink. In case of general disorders bring victim into the hospital, otherwise call for a doctor.

Inhalation : Bring victim into the fresh air as soon as possible and let rest. In case of severe exposure call for a doctor. In case of breathing problems, loose squeezing clothes and if victim is conscious bring victim in high sitting position. In case of stagnation of breathing give IMMEDIATELY oxygen and transport to hospital as soon as possible.

Eyes : Rinse for a long time with plenty of water. In case of eye-sight disturbances bring victim immediately into the hospital, in other cases call for a doctor

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

Skin	local	:	The substance is irritating: redness, pain.
		:	With intensive skin contact risk of skin affection.
	general	:	Probably no absorbtion worth mentioning.
Ingestion	local	:	The substance is irritating: sore throat, abdominal pain.
	general	:	The substance may be absorbed after ingestion.
Inhalation	local	:	The substance is with atomising irritating: sore throat, coughing.
	general	:	Probably no absorbtion worth mentioning.
Eyes	local	:	The substance is irritating: redness, pain.
Remarks symptoms		:	The substance has an effect on: the blood.

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

For advice on further treatment contact a (national) poison center.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable fire-extinguisher

water, special extinguishing powder, water spray

Unsuitable fire-extinguisher

not traceable

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in fire : carbon monoxide, sodium oxide, sulphur oxides, phosphorus oxide, potassium oxide

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.
Read label before use.

Emergency procedure

Is not to be expected.

6.2. Environmental precautions

Remainder material or uncleaned empty packagings have 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

Where necessary, cover the spilt material with dry sand or dry earth in order to prevent displacement by wind or draught, sweep or shovel into plastic bags and remove to the central depot for hazardous waste.

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.
Do not eat, drink or smoke in work areas. Remove contaminated clothing and protective equipment. Wash hands after leaving the work area.

Local exhausting : Depends on processing circumstances, but at least good room ventilation.

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.
Store product in a closed packaging, dry.

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**
No TWA has been laid down.	SODIUM CARBONATE
No TWA has been laid down.	CITRIC ACID MONOHYDRATE
No TWA has been laid down.	POTASSIUM PEROXYMONOSULFATE SULFATE
No TWA has been laid down.	PHOSPHONATES

No TWA has been laid down. BLEACHING AGENT

C=Ceiling; S=Skin

Remarks exposure limits :

Avoid breathing dust. Observe the TWA-value for irritant inhalable dust (10 mg/m3) and respirable dust (5 mg/m3) if the values for components are not available.

DNEL (Derived No Effect Level)

Worker - Inhalation - Long term exposure - Local effects: 10 mg/m3 SODIUM CARBONATE
Source : ECHA C&L Inventory

Consumer - Inhalation - Short term exposure - Local effects: 10 mg/m3 SODIUM CARBONATE
Source : ECHA C&L Inventory

PNEC (Predicted No Effect Concentration)

Fresh water: 0.44 mg/l	CITRIC ACID MONOHYDRATE	**Source** : ECHA
Fresh water sediment: 34.6 mg/kg	CITRIC ACID MONOHYDRATE	**Source** : ECHA
Marine water sediment: 3.46 mg/kg	CITRIC ACID MONOHYDRATE	**Source** : ECHA
Soil: 33.1 mg/kg	CITRIC ACID MONOHYDRATE	**Source** : ECHA
Sewage Treatment Plant (STP): 1000 mg/l	CITRIC ACID MONOHYDRATE	**Source** : ECHA
Marine water: 0.044 mg/l	CITRIC ACID MONOHYDRATE	**Source** : ECHA

8.2. Exposure controls

Advised personal protection :

Hands	:	butyl rubber gloves
Breakthrough time	:	For information: consult the supplier of the gloves.
Eyes	:	dust goggles
Inhalation	:	dust mask P2
Skin	:	protective clothing (such as: apron, coverall, boots)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: pellet		
Colour	: white		
Odour	: odourless		
Odour threshold (20ºC; 1013 mbar)	: not traceable		
pH	: ≥9.0 - ≤10.0 (100 g/l)		
Melting point/range	: not traceable		
Boiling point/range	: not traceable		
Flash point/range	: not traceable		
Vapor rate/range	: not applicable		
Flammability (solid, gas)	: data not available		
Explosive limits	: not traceable		
Vapour pressure	: not applicable		
Relative density	: 2.0 (water=1) (20 ºC)		
Solubility in water	: complete		
Log Po/w	: -1.7	CITRIC ACID MONOHYDRATE	**Source** : Chemicalcards
Autoignition temperature	: not traceable		
Decomposition temperature	: not traceable		
Viscosity	: not applicable		
Dust explosions possible in air	: not traceable		
Oxidising properties	: no		

9.2. Other information

Solubility in fat	:	not traceable
Electrostatic chargement	:	not traceable
General	:	Product is hydroscopic.

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 : oxidizing substances, acids, strong alkaline solutions, metals, reducing substances, fluorine, phosphorus pentoxide, organic nitro compounds, metal nitrates

10.6. Hazardous decomposition products

Hazardous decomposition products at heating : none

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

LD-50: 4.09 g/kg (ORL-RAT)	SODIUM CARBONATE	**Source** : IUCLID
LD-50: 1.204 g/kg (ORL-RAT)	POTASSIUM PEROXYMONOSULFATE SULFATE	

Acute dermal toxicity
There are no data available.

Acute inhalation toxicity

LC-50: 2.3 mg/l/2H (IHL-RAT)	SODIUM CARBONATE	**Source** : Easi View

Ames test

negative	SODIUM CARBONATE	**Source** : Merck
negative	CITRIC ACID MONOHYDRATE	**Source** : Merck

Skin corrosion/irritation
Causes skin irritation.

Serious eye damage/irritation
Causes serious eye 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: no	OSHA: no	SODIUM CARBONATE
NTP: no	IARC: no	OSHA: no	CITRIC ACID MONOHYDRATE
NTP: no	IARC: no	OSHA: no	POTASSIUM PEROXYMONOSULFATE SULFATE

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	:	The substance is irritating: redness, pain.
		:	With intensive skin contact risk of skin affection.
	general	:	Probably no absorbtion worth mentioning.
Ingestion	local	:	The substance is irritating: sore throat, abdominal pain.
	general	:	The substance may be absorbed after ingestion.
Inhalation	local	:	The substance is with atomising irritating: sore throat, coughing.
	general	:	Probably no absorbtion worth mentioning.
Eyes	local	:	The substance is irritating: redness, pain.
Remarks symptoms		:	The substance has an effect on: the blood.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

LC-50: 300 mg/l/96H (Fish)	SODIUM CARBONATE	**Source** : IUCLID
EC-50: 265 mg/l/48H (Daphnia)	SODIUM CARBONATE	**Source** : IUCLID
IC-50: 242 mg/l/96H (Algae)	SODIUM CARBONATE	**Source** : Easi View
LC-50: 440 mg/l/96H (Fish)	CITRIC ACID MONOHYDRATE	**Source** : ACROS

EC-50: 120 mg/l/48H (Daphnia) CITRIC ACID MONOHYDRATE **Source** : ACROS

12.2. Persistence and degradability

Biological oxygen demand (5)	: 0.481 g/g	CITRIC ACID MONOHYDRATE	**Source**	: Merck
Chemical oxygen demand	: 0.686 g/g	CITRIC ACID MONOHYDRATE	**Source**	: Merck
Biological(5)/chemical oxygen demand ratio	: 0.701	CITRIC ACID MONOHYDRATE		
Degradability	: readily	CITRIC ACID MONOHYDRATE	**Method**	: OECD 302B
			Source	: Merck

12.3. Bioaccumulative potential

Bioconcentration factor (BCF)	: not traceable			
Log Po/w	: -1.7	CITRIC ACID MONOHYDRATE	**Source**	: Chemicalcards

12.4. Mobility in soil

Henry Constant : not traceable

12.5. Results of PBT and vPvB assessment

Data not available.

12.6. Other adverse effects

Remarks on ecotoxicity : none

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Remainder material or uncleaned empty packagings have 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

- Water Hazard Class (WGK) = 1

15.2. Chemical safety assessment

- Data not available.

SECTION 16: Other information

Remarks on SDS : Specific requirements Switzerland:
- Section 1:
Importer: Philips AG, Allmendstrasse 140, 8027 Zürich
Telephone: +41 (0)44/488 2211
Customer service: +41 (0)800/002050 (Monday - Friday 8:00 - 18:00)
Mobile network: +41 (0)848/000292 (Monday - Friday 8:00 - 18:00)
Swiss Toxicological Information Centre CH-8028 Zürich: +41 (0)44/2515151 or 145
- Section 13:
Waste code: 20 01 29 (European Waste Catalogue (EWC))

Overview relevant H-sentences from all components in section 3

H271	May cause fire or explosion; strong oxidiser.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.

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.