

Safety Data Sheet

PURIFOG

Safety Data Sheet dated 11/6/2020, version 12

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

1.1. Product identifier

Mixture identification:

Trade name: PURIFOG

Trade code: WHITE OUT LIQ.2

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

Recommended use:

Technical product- detergent for industrial, professional and consumer use

Uses advised against:

do not use on humans and animals

1.3. Details of the supplier of the safety data sheet

Company:

STAC PLASTIC SPRAY S.R.L. Via E. De Nicola 9/11 10036 Settimo Torinese (To) Italia.

STAC PLASTIC SPRAY S.R.L. Tel. n.. +39 011 8977566 Fax n. +39 011 8977491

Competent person responsible for the safety data sheet:

Massimiliano Brescia stacplas@stacplastic.com

Distributor:

UR FOG S.R.L Via Toscana 38 10099 San Mauro Torinese (TO) Italia

Tel. +39 0110133037

1.4. Emergency telephone number

Centro Antiveleni di Milano 02 66101029 (CAV Ospedale Niguarda Ca' Granda -Milano)

Centro Antiveleni di Pavia 0382 24444 (CAV IRCCS Fondazione Maugeri - Pavia)

Centro Antiveleni di Bergamo 800 883300 (CAV Ospedali Riuniti - Bergamo)

Centro Antiveleni di Firenze 055 7947819 (CAV Ospedale Careggi - Firenze)

Centro Antiveleni di Roma 06 3054343 (CAV Policlinico Gemelli - Roma)

Centro Antiveleni di Roma 06 49978000 (CAV Policlinico Umberto I - Roma)

Centro Antiveleni di Napoli 081 7472870 (CAV Ospedale Cardarelli - Napoli)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

None

Hazard statements:

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

EUH066 Repeated exposure may cause skin dryness or cracking.

Contains

CITRUS AURANTIUM DULCIS OIL: May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

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None

Contains (EC Reg. 648/2004): less than 5% cationic surfactants
Perfumes of which: Citrus aurantium dulcis oil; linalool, cineol

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards




















SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 7% - < 10%	ethanol; ethyl alcohol	Index number: 603-002-00-5 CAS: 64-17-5 EC: 200-578-6 REACH No.: 01-2119457610-43-xxxx	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319
>= 0.5% - < 1%	Quaternary ammonium compounds, benzyl-C12-16-alkildimethyl, chlorides	Index number: 270-325-2 CAS: 68424-85-1	 3.1/4/Oral Acute Tox. 4 H302  3.3/1 Eye Dam. 1 H318  4.1/C1 Aquatic Chronic 1 H410 (factor M=1)  3.2/1B Skin Corr. 1B H314  4.1/A1 Aquatic Acute 1 H400 (factor M=10)
>= 0.25% - < 0.5%	propan-2-ol; isopropyl alcohol; isopropanol	Index number: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 REACH No.: 01-2119457558-25-xxxx	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H336
>= 0.1% - < 0.25%	CITRUS AURANTIUM DULCIS OIL	CAS: 8008-57-9 EC: 616-926-9	 2.6/3 Flam. Liq. 3 H226  3.10/1 Asp. Tox. 1 H304  3.2/2 Skin Irrit. 2 H315  3.4.2/1 Skin Sens. 1 H317  4.1/A1 Aquatic Acute 1 H400  4.1/C1 Aquatic Chronic 1 H410
>= 0.1% - < 0.25%	butanone; ethyl methyl ketone	Index number: 606-002-00-3 CAS: 78-93-3 EC: 201-159-0	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H336 EUH066

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SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

For symptoms and effects due to the contained substances see chapter 11

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

Treatment:

Follow the doctor's instructions.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

CO2 or Dry chemical fire extinguisher.

Extinguishing media which must not be used for safety reasons:

Water.

5.2. Special hazards arising from the substance or mixture

Burning produces heavy smoke.

Do not inhale explosion and combustion gases.

Hazardous combustion products:

Asphyxiants

Carbon monoxide

Particulates

5.3. Advice for firefighters

Normal elements for fire fighting, such as a self-contained compressed air open-circuit respirator (EN 137), fire-retardant suit (EN469), flame-retardant gloves (EN 659) and fire boots (HO A29 or A30).

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Keep containers cool with water spray.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

Retain contaminated washing water and dispose it.

6.3. Methods and material for containment and cleaning up

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For containment:

Limit in case of leakage of significant quantities of product. Contain the spread of small quantities of product with earth, sand or other inert absorbent material.

For cleaning up:

Wash with plenty of water.

Wet clean or vacuum up solids.

Clear spills immediately

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Do not eat, drink or smoke when using this product.

Wash hands after use

7.2. Conditions for safe storage, including any incompatibilities

store in a cool, well ventilated place, away from heat, flames, sparks or other sources of ignition

keep only in the original container away from sunlight neighborhoods

do not smoke

Keep away from food, drink and feed.

Incompatible materials:

Keep away from acids.

Keep away from combustible materials.

Keep away from water or from damp surroundings.

See subsection 10.5

Instructions as regards storage premises:

Cool and adequately ventilated.

Safety electric system.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

ethanol; ethyl alcohol - CAS: 64-17-5

ACGIH - STEL: 1000 ppm

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

ACGIH - TWA(8h): 200 ppm - STEL: 400 ppm

butanone; ethyl methyl ketone - CAS: 78-93-3

EU - TWA(8h): 600 mg/m³, 200 ppm - STEL: 900 mg/m³, 300 ppm

ACGIH - TWA(8h): 200 ppm - STEL: 300 ppm

DNEL Exposure Limit Values

ethanol; ethyl alcohol CAS: 64-17-5

Worker Professional: 343 mg/kg/d - Consumer: 206 mg/kg/d - Exposure: Human

Dermal - Frequency: Long Term, systemic effects

Worker Professional: 950 mg/m³ - Consumer: 114 mg/l - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Consumer: 87 mg/kg/d - Exposure: Human Oral - Frequency: Long Term, systemic effects

Quaternary ammonium compounds, benzyl-C12-16-alkildimethyl, chlorides CAS: 68424-85-1

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Worker Professional: 5.7 mg/kg/d - Consumer: 3.4 mg/kg/d - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 3.96 mg/l - Consumer: 1.64 mg/l - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 3.4 mg/kg/d - Exposure: Human Oral - Frequency: Long Term, systemic effects

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

Consumer: 319 mg/kg/d - Exposure: Human Dermal - Frequency: Long Term (repeated)

Consumer: 89 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term (repeated)

Consumer: 26 mg/kg/d - Exposure: Human Oral - Frequency: Long Term (repeated)

Worker Professional: 888 mg/kg/d - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 500 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

butanone; ethyl methyl ketone - CAS: 78-93-3

Worker Professional: 1161 mg/kg/d - Consumer: 412 mg/kg/d - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 600 mg/l - Consumer: 106 mg/l - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 31 mg/kg/d - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

ethanol; ethyl alcohol CAS: 64-17-5

Target: Fresh Water - Value: 0.96 mg/l

Target: Marine water - Value: 0.79 mg/l

Target: Freshwater sediments - Value: 3.6 mg/kg

Target: Marine water sediments - Value: 2.9 mg/kg

Target: Soil (agricultural) - Value: 0.63 mg/kg

Quaternary ammonium compounds, benzyl-C12-16-alkildimethyl, chlorides CAS: 68424-85-1

Target: Freshwater sediments - Value: 0.001 mg/kg

Target: Marine water sediments - Value: 0.001 mg/kg

Target: Soil (agricultural) - Value: 12.27 mg/kg

Target: Fresh Water - Value: 13.098 mg/l

Target: Marine water - Value: 7 mg/l

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

Target: Fresh Water - Value: 140.9 mg/l

Target: Marine water - Value: 140.9 mg/l

Target: Freshwater sediments - Value: 552 mg/kg

Target: Marine water sediments - Value: 552 mg/kg

Target: Soil (agricultural) - Value: 28 mg/kg

butanone; ethyl methyl ketone - CAS: 78-93-3

Target: Freshwater sediments - Value: 284.74 mg/kg

Target: Marine water sediments - Value: 284.74 mg/kg

Target: Soil (agricultural) - Value: 22.5 mg/kg

Target: Fresh Water - Value: 55.8 mg/l

Target: Marine water - Value: 55.8 mg/l

8.2. Exposure controls

Eye protection:

Eye glasses with side protection. EN 166

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

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Protect hands with category II work gloves (ref. Directive 89/686 / EEC and standard EN 374).
Use PVC or nitrile rubber gloves.

Respiratory protection:

if the TLV thresholds are exceeded, use a mask with filter type A (against vapors of organic compounds) in accordance with EN 141.

Thermal Hazards:

Do not expose to temperatures exceeding 50° c.

Environmental exposure controls:

emissions from production processes, including those from ventilation equipment should be inspected for the purposes of enforcement of environmental protection

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	Spray can	--	--
Odour:	perfumed of essence	--	--
Odour threshold:	Not Relevant	--	--
pH:	6,5	--	--
Melting point / freezing point:	<-3°C	--	--
Initial boiling point and boiling range:	>78°C	--	--
Flash point:	>35°C	ISO 3679:2015	Negative combustion maintenance test: does not maintain combustion. NOT INFLAMMABLE
Evaporation rate:	Not Relevant	--	--
Solid/gas flammability:	Not Relevant	--	--
Upper/lower flammability or explosive limits:	Not Relevant	--	--
Vapour pressure:	Not Relevant	--	--
Vapour density:	N.A.	--	--
Relative density:	1.00 +/- 0.05	--	--
Solubility in water:	complete	--	--
Solubility in oil:	Not Relevant	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	>250°C	--	--
Decomposition temperature:	Not Relevant	--	--
Viscosity:	Not Relevant	--	--
Explosive properties:	Not Relevant	--	--
Oxidizing properties:	Not Relevant	--	--

9.2. Other information

Properties	Value	Method:	Notes:
kinematic viscosity:	kv > 20,5 mm2/s (a)	--	--

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	40°C)		
Miscibility:	Not Relevant	--	--
Fat Solubility:	Not Relevant	--	--
Conductivity:	Not Relevant	--	--
Substance Groups relevant properties	Not Relevant	--	--
VOC (direttiva 1999/13/CE)	9-12%		

SECTION 10: Stability and reactivity

- 10.1. Reactivity
 - avoid contact with strong acids and bases and oxidizing agents.
- 10.2. Chemical stability
 - Stable under normal conditions
- 10.3. Possibility of hazardous reactions
 - avoid mixing the product with strong oxidizers and strong acids
- 10.4. Conditions to avoid
 - avoid exposing the product to high temperatures
 - strong acids
- 10.5. Incompatible materials
 - oxidizing agents
 - acids, alkalis and alkaline metals
- 10.6. Hazardous decomposition products
 - during combustion it produces irritating gases
 - by thermal decomposition can rid COx

SECTION 11: Toxicological information

- 11.1. Information on toxicological effects
 - Toxicological information of the product:
 - PURIFOG
 - a) acute toxicity
 - Not classified
 - Based on available data, the classification criteria are not met
 - b) skin corrosion/irritation
 - Not classified
 - Based on available data, the classification criteria are not met
 - c) serious eye damage/irritation
 - Not classified
 - Based on available data, the classification criteria are not met
 - d) respiratory or skin sensitisation
 - Not classified
 - Based on available data, the classification criteria are not met
 - e) germ cell mutagenicity
 - Not classified
 - Based on available data, the classification criteria are not met
 - f) carcinogenicity
 - Not classified
 - Based on available data, the classification criteria are not met
 - g) reproductive toxicity
 - Not classified
 - Based on available data, the classification criteria are not met
 - h) STOT-single exposure
 - Not classified
 - Based on available data, the classification criteria are not met

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i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

ethanol; ethyl alcohol - CAS: 64-17-5

LD50 (RABBIT) ORAL: 6300 MG/KG

LD50 (RAT) ORAL SINGLE DOSE: 7060 MG/KG

Quaternary ammonium compounds, benzyl-C12-16-alkildimethyl, chlorides CAS: 68424-85-1

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 795 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 3412 mg/kg

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5840 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

butanone; ethyl methyl ketone - CAS: 78-93-3

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

The product is dangerous for the environment since it is harmful to aquatic organisms with long lasting effects

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The product is classified: Aquatic Chronic 3 - H412

ethanol; ethyl alcohol - CAS: 64-17-5

a) Aquatic acute toxicity:

Endpoint: EL50 - Species: Daphnia > 100 mg/l - Duration h: 48

Endpoint: EL50 - Species: Algae > 100 mg/l - Duration h: 72

Endpoint: EL50 - Species: Fish > 100 mg/l - Duration h: 48

Quaternary ammonium compounds, benzyl-C12-16-alkildimethyl, chlorides CAS: 68424-85-1

a) Aquatic acute toxicity:

Endpoint: EL50 - Species: Daphnia > 0.016 mg/l - Duration h: 48

Endpoint: EL50 - Species: Algae > 0.207 mg/l - Duration h: 72

Endpoint: EL50 - Species: Fish > 0.515 mg/l - Duration h: 96

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

a) Aquatic acute toxicity:

Endpoint: EL50 - Species: Daphnia > 100 mg/l - Duration h: 48

Endpoint: EL50 - Species: Algae > 100 mg/l - Duration h: 72

Endpoint: EL50 - Species: Fish > 100 mg/l - Duration h: 48

butanone; ethyl methyl ketone - CAS: 78-93-3

a) Aquatic acute toxicity:

Endpoint: EL50 - Species: Daphnia = 308 mg/l - Duration h: 48

Endpoint: EL50 - Species: Algae = 2029 mg/l - Duration h: 96

Endpoint: LC50 - Species: Fish = 2993 mg/l - Duration h: 96

12.2. Persistence and degradability

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- None
butanone; ethyl methyl ketone - CAS: 78-93-3
Biodegradability: Not persistent and Biodegradable
- 12.3. Bioaccumulative potential
butanone; ethyl methyl ketone - CAS: 78-93-3
Bioaccumulation: Not bioaccumulative
- 12.4. Mobility in soil
butanone; ethyl methyl ketone - CAS: 78-93-3
Mobility in soil: Mobile
- 12.5. Results of PBT and vPvB assessment
vPvB Substances: None - PBT Substances: None
- 12.6. Other adverse effects
None

SECTION 13: Disposal considerations

- 13.1. Waste treatment methods
Recover if possible. In so doing, comply with the local and national regulations currently in force.
- Additional disposal information:
contaminated packaging should be sent for recovery or disposal in compliance with national regulations on waste management
reuse if possible. Product residues are to be considered hazardous waste. disposal must be entrusted to authorised waste management, in compliance with national and, where appropriate, local.

SECTION 14: Transport information

- 14.1. UN number
Not classified as dangerous in the meaning of transport regulations.
- The preparation is not a class 3 matter as it does not fuel combustion under the test conditions defined in the Manual of tests and criteria.
Combustion maintenance test: Ref L2, part III, Sec. 32 of the United Nations Recommendations on the Transport of Dangerous Goods
- 14.2. UN proper shipping name
N.A.
- 14.3. Transport hazard class(es)
ADR-Class: Not dangerous
IATA-Class: Not dangerous
IMDG-Class: Not dangerous
N.A.
- 14.4. Packing group
N.A.
- 14.5. Environmental hazards
Marine pollutant: No
N.A.
- 14.6. Special precautions for user
N.A.
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
No

SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Dir. 98/24/EC (Risks related to chemical agents at work)

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Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

None

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)
Regulation (EC) nr 648/2004 (detergents).
Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1
None

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Text of phrases referred to under heading 3:

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H410 Very toxic to aquatic life with long lasting effects.
H314 Causes severe skin burns and eye damage.
H400 Very toxic to aquatic life.
H336 May cause drowsiness or dizziness.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
EUH066 Repeated exposure may cause skin dryness or cracking.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1

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Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

Paragraphs modified from the previous revision:

SECTION 2: Hazards identification

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Aquatic Chronic 3, H412	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.

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PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.