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

1.1 Product identifier

Foam Cleanser
UFI: WHC0-D27M-E20Y-49E8

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

1.2.1 Relevant uses

Cleaning agent

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

WAXOYL AG
Seewenweg 5
4153 Reinach / SWITZERLAND
Phone +41-61-28177 94
Fax +41-61-28177 85
Homepage www.waxoyl.com
E-mail info@waxoyl.ch

Address enquiries to

Technical information info@waxoyl.ch

Safety Data Sheet sdb@chemiebuero.de

1.4 Emergency telephone number

Advisory body +49 (0)89-19240 (24h) (English)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (GB) CLP]

Aerosol 1: H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.
Eye Irrit. 2: H319 Causes serious eye irritation.

2.2 Label elements

Hazard pictograms




Signal word DANGER

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H319 Causes serious eye irritation.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122°F.
P280 Wear eye protection / face protection.
P260 Do not breathe vapours / spray.
P271 Use only outdoors or in a well-ventilated area.
P337+P313 If eye irritation persists: Get medical advice / attention.

Cleaner, 648/2004/CE, contains:

5 - <15% aliphatic hydrocarbons (propellant)
< 5% anionic surfactant

2.3 Other hazards

Human health dangers Contains no ingredients with endocrine-disrupting properties.

Environmental hazards Does not contain any PBT or vPvB substances.

Other hazards Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
10 - < 20	Propan-2-ol
	CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, Reg-No.: 01-2119457558-25-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Eye Irrit. 2: H319 - STOT SE 3: H336
2,5 - 10	iso-Butane
	CAS: 75-28-5, EINECS/ELINCS: 200-857-2, EU-INDEX: 601-004-00-0, Reg-No.: 01-2119485395-27-XXXX
	GHS/CLP: Flam. Gas 1A: H220 - Press. Gas: H280
< 2,5	Propane
	CAS: 74-98-6, EINECS/ELINCS: 200-827-9, EU-INDEX: 601-003-00-5, Reg-No.: 01-2119486944-21-XXXX
	GHS/CLP: Flam. Gas 1A: H220 - Press. Gas: H280
< 1	Sodium N-Lauroyl Sarcosinate
	CAS: 137-16-6, EINECS/ELINCS: 205-281-5, Reg-No.: 01-2119527780-39-XXXX
	GHS/CLP: Acute Tox. 2: H330 - Skin Irrit. 2: H315 - Eye Dam. 1: H318
	SCL [%]: > 34,5: Acute Tox. 2: H300, <= 34,5: Acute Tox. 4: H332, > 30: Skin Irrit. 2: H315, > 30: Eye Dam. 1: H318, 1 - <=30: Eye Irrit. 2: H319
< 1	Ammonia solution
	CAS: 1336-21-6, EINECS/ELINCS: 215-647-6, EU-INDEX: 007-001-01-2, Reg-No.: 01-2119488876-14-XXXX
	GHS/CLP: Skin Corr. 1B: H314 - Eye Dam. 1: H318 - Aquatic Acute 1: H400 - STOT SE 3: H335, M-Factor (acute): 1
	SCL [%]: >= 5: STOT SE 3: H335

Comment on component parts Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information Take off contaminated clothing and wash before reuse.

Inhalation Remove person to fresh air and keep comfortable for breathing.
In the event of symptoms seek medical treatment.

Skin contact When in contact with the skin, clean with soap and water.
Consult a doctor if skin irritation persists.

Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Ingestion Rinse out mouth and give plenty of water to drink.
Seek medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide.
Water spray jet.
Dry powder.
Foam.

Extinguishing media that must not be used

Full water jet.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.
Bursting aerosols can be forcibly projected from a fire.

5.3 Advice for firefighters

Use self-contained breathing apparatus.

Cool containers at risk with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition.
Ensure adequate ventilation.
Use personal protective clothing.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.

Keep away from open flames, hot surfaces and sources of ignition.
Vapours can form an explosive mixture with air.
Use explosion-proofed equipment/fittings and non-sparkling tools.
Keep away from sources of ignition - refrain from smoking.

Do not eat, drink, smoke or take drugs at work.
Wash hands before breaks and after work.
Use barrier skin cream.
Contaminated work clothing should not be allowed out of the workplace.

7.2 Conditions for safe storage, including any incompatibilities

Provide solvent-resistant and impermeable floor.

Do not store together with oxidizing agents.
Do not store together with food and animal food/diet.

Keep container in a well-ventilated place.
Protect from heat/overheating and from sun.
Keep in a cool place, heat causes increase in pressure and risk of bursting.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance
iso-Butane
CAS: 75-28-5, EINECS/ELINCS: 200-857-2, EU-INDEX: 601-004-00-0, Reg-No.: 01-2119485395-27-XXXX
Long-term exposure: 600 ppm, 1450 mg/m³, (Butane)
Short-term exposure (15-minute): 750 ppm, 1810 mg/m³
Propan-2-ol
CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, Reg-No.: 01-2119457558-25-XXXX
Long-term exposure: 400 ppm, 999 mg/m³
Short-term exposure (15-minute): 500 ppm, 1250 mg/m³
Ammonia solution
CAS: 1336-21-6, EINECS/ELINCS: 215-647-6, EU-INDEX: 007-001-01-2, Reg-No.: 01-2119488876-14-XXXX
Long-term exposure: 25 ppm, 18 mg/m³
Short-term exposure (15-minute): 35 ppm, 25 mg/m³, 15 min

Ingredients with occupational exposure limits to be monitored (EU)

Substance / EC LIMIT VALUES
Ammonia solution
CAS: 1336-21-6, EINECS/ELINCS: 215-647-6, EU-INDEX: 007-001-01-2, Reg-No.: 01-2119488876-14-XXXX
Eight hours: 20 ppm, 14 mg/m³

DNEL

Substance
Propane, CAS: 74-98-6
There are no DNEL values established for the substance.
Sodium N-Lauroyl Sarcosinate, CAS: 137-16-6
Industrial, dermal, Long-term - systemic effects, 20 mg/kg bw/day
Industrial, inhalative, Long-term - systemic effects, 70,53 mg/m³
general population, oral, Long-term - systemic effects, 10 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 10 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 17,39 mg/m³
iso-Butane, CAS: 75-28-5
There are no DNEL values established for the substance.
Propan-2-ol, CAS: 67-63-0
Industrial, dermal, Long-term - systemic effects, 888 mg/kg bw/day
Industrial, inhalative (vapor), Long-term - systemic effects, 500 mg/m³
general population, inhalative (vapor), Long-term - systemic effects, 89 mg/m³
general population, dermal, Long-term - systemic effects, 319 mg/kg bw/day
general population, oral, Long-term - systemic effects, 26 mg/kg
Ammonia solution, CAS: 1336-21-6
Industrial, inhalative, Acute - local effects, 36 mg/m³ (NH3)
Industrial, dermal, Acute - systemic effects, 6,8 mg/kg (NH3)
Industrial, inhalative, Acute - systemic effects, 47,6 mg/m³ (NH3)
Industrial, inhalative, Long-term - local effects, 14 mg/m³ (NH3)

Industrial, dermal, Long-term - systemic effects, 6.8 mg/kg bw/day (NH3)
Industrial, inhalative, Long-term - systemic effects, 47,6 mg/m³ (NH3)

PNEC

Substance
Propane, CAS: 74-98-6
There are no PNEC values established for the substance.
Sodium N-Lauroyl Sarcosinate, CAS: 137-16-6
freshwater, 0,009 mg/L
soil, 0,008 mg/kg soil dw
sediment (seawater), 0,006 mg/kg sediment dw
sediment (freshwater), 0,064 mg/kg sediment dw
sewage treatment plants (STP), 3 mg/L
seawater, 0,001 mg/L
iso-Butane, CAS: 75-28-5
There are no PNEC values established for the substance.
Propan-2-ol, CAS: 67-63-0
seawater, 140,9 mg/l
freshwater, 140,9 mg/l
oral (food), 160 mg/kg food
sewage treatment plants (STP), 2251 mg/l
soil, 28 mg/kg
sediment (seawater), 552 mg/kg
sediment (freshwater), 552 mg/kg
Ammonia solution, CAS: 1336-21-6
seawater, 0,001 mg/L
freshwater, 0,001 mg/L

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
Eye protection	Safety glasses. (EN 166:2001)
Hand protection	0,4mm Butyl rubber, >120 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
Skin protection	Protective clothing (EN 340)
Other	Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
Respiratory protection	In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, filter A. (DIN EN 14387)
Thermal hazards	none
Delimitation and monitoring of the environmental exposition	Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	aerosol
Color	colourless yellowish
Odor	ammoniac-like
Odour threshold	not required
pH-value	9,5
pH-value [1%]	not applicable
Boiling point [°C]	not applicable
Flash point [°C]	not applicable
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	1,5 Vol.%
Upper explosion limit	10,9 Vol.%
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/cm³]	0,95 (Liquid)
Relative density	not determined
Bulk density [kg/m³]	not applicable
Solubility in water	miscible
Solubility other solvents	not required
Partition coefficient [n-octanol/water]	not determined
Kinematic viscosity	not applicable
Relative vapour density	not applicable
Evaporation speed	not applicable
Melting point [°C]	not applicable
Auto-ignition temperature	not applicable
Decomposition temperature [°C]	not applicable
Particle characteristics	not required

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.
Heat causes increase in pressure and risk of bursting.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Risk of bursting.
Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.4 Conditions to avoid

Strong heating.

10.5 Incompatible materials

Strong oxidizing agent.

10.6 Hazardous decomposition products

Flammable gases/vapours.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity

Product
ATE-mix, oral, > 2000 mg/kg
ATE-mix, dermal, > 2000 mg/kg

Substance
Sodium N-Lauroyl Sarcosinate, CAS: 137-16-6
LD50, oral, Rat, > 5000 mg/kg (OECD 401)
NOEL, oral, Rat, 30 mg/kg (90 d)
Propan-2-ol, CAS: 67-63-0
LD50, oral, Rat, 4570 mg/kg
Ammonia solution, CAS: 1336-21-6
LD50, oral, Rat, 350 mg/kg (NH3)
LDLo, oral, Human, 43 mg/kg (NH3)

Acute dermal toxicity

Substance
Propan-2-ol, CAS: 67-63-0
LD50, dermal, Rabbit, 13400 mg/kg

Acute inhalational toxicity

Product
ATE-mix, inhalation (vapour), > 20 mg/L 4h

Substance
Propane, CAS: 74-98-6
LC50, inhalative, Rat, > 1443 mg/l (15 min) (Lit.)
Sodium N-Lauroyl Sarcosinate, CAS: 137-16-6
LC50, inhalative, > 1 - 5 mg/l/4h (34,5 % aqueous solution)
LC50, inhalative, Rat, 0,05 - 0,5 mg/l (OECD 403)
iso-Butane, CAS: 75-28-5
LC50, inhalative, mouse, 1237 mg/L
Propan-2-ol, CAS: 67-63-0
LC50, inhalative, Rat, 30 mg/l/4h
Ammonia solution, CAS: 1336-21-6
LD50, inhalative, mouse, 91 mg/kg (NH3)
LC50, inhalative, Rat, 2000 mg/l (NH3)

Serious eye damage/irritation

Based on the available information, the classification criteria are fulfilled.
Toxicological data of complete product are not available.
Irritant
Calculation method

Substance
Propane, CAS: 74-98-6
Eye, non-irritating
Sodium N-Lauroyl Sarcosinate, CAS: 137-16-6

Eye, Causes serious eye damage.
iso-Butane, CAS: 75-28-5
Eye, non-irritating
Propan-2-ol, CAS: 67-63-0
Eye, Rabbit, Study, irritant
Ammonia solution, CAS: 1336-21-6
Eye, Causes serious eye damage.

Skin corrosion/irritation

Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Propane, CAS: 74-98-6
dermal, non-irritating
Sodium N-Lauroyl Sarcosinate, CAS: 137-16-6
dermal, irritant
iso-Butane, CAS: 75-28-5
dermal, non-irritating
Propan-2-ol, CAS: 67-63-0
dermal, Rabbit, non-irritating
Ammonia solution, CAS: 1336-21-6
dermal, corrosive

Respiratory or skin sensitisation

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Propane, CAS: 74-98-6
inhalative, non-sensitizing
dermal, non-sensitizing
Sodium N-Lauroyl Sarcosinate, CAS: 137-16-6
dermal, non-sensitizing
iso-Butane, CAS: 75-28-5
inhalative, non-sensitizing
dermal, non-sensitizing
Propan-2-ol, CAS: 67-63-0
dermal, non-sensitizing

Specific target organ toxicity — single exposure

Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Propane, CAS: 74-98-6
inhalative, non-irritating
iso-Butane, CAS: 75-28-5
inhalative, non-irritating
Propan-2-ol, CAS: 67-63-0
NOAEL, oral, Rat, 700 mg/kg bw/day, OECD 426, positive
Ammonia solution, CAS: 1336-21-6
inhalative, irritant

Specific target organ toxicity — repeated exposure

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Propane, CAS: 74-98-6
NOAEC, inhalative, Rat, 4437 mg/m³
Sodium N-Lauroyl Sarcosinate, CAS: 137-16-6
NOAEL, oral, Rat, 1000 mg/kg bw/day (chronic), no adverse effect observed
Propan-2-ol, CAS: 67-63-0
NOAEC, inhalative, Rat, 12500 mg/m³, OECD 451, negativ

Mutagenicity

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Sodium N-Lauroyl Sarcosinate, CAS: 137-16-6
in vitro, no adverse effect observed
Propan-2-ol, CAS: 67-63-0
in vitro, negativ

Reproduction toxicity

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Sodium N-Lauroyl Sarcosinate, CAS: 137-16-6
NOAEL, oral, Rat, 250 mg/kg bw/day (subacute), no adverse effect observed
Propan-2-ol, CAS: 67-63-0
NOAEL, oral, Rat, 853 mg/kg bw/day, OECD 415, no adverse effect observed, Effects on fertility,
NOAEC, oral, Rat, 596 mg/kg bw/day, OECD 414, no adverse effect observed, Effect on developmental toxicity,

Carcinogenicity

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Propan-2-ol, CAS: 67-63-0
NOAEC, inhalative, Rat, 12290 mg/m³, OECD 451, negativ

Aspiration hazard

Does not contain a relevant substance that meets the classification criteria.

General remarks

The determination of properties hazardous to health does not take the propellant or carrier material into account.

11.2 Information on other hazards

Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

Other information

SECTION 12: Ecological information

12.1 Toxicity

Substance
Sodium N-Lauroyl Sarcosinate, CAS: 137-16-6
LC50, (96h), Danio rerio, 107 mg/l (OECD 203)
EC50, (48h), Daphnia magna, 29,7 mg/l (OECD 202)
EbC50, (72h), Desmodesmus subspicatus, 39 mg/l (OECD 201)
ErC50, (72h), Desmodesmus subspicatus, 79 mg/l (OECD 201)
Propan-2-ol, CAS: 67-63-0
LC50, (48h), Leuciscus idus, >100 mg/l
EC50, (72h), Scenedesmus subspicatus, >100 mg/l
EC50, (48h), Daphnia magna, >100 mg/l
Ammonia solution, CAS: 1336-21-6
LC50, (48h), Daphnia magna, 25,4 mg/l
LC50, (96h), Salmo gairdneri, >0,1 mg/l
LC50, (96h), Cyprinus carpio, 1,1 mg/l
LC50, (96h), Lepomis macrochirus, >0,2 mg/l
LC50, (96h), Pimephales promelas, >0,7 mg/l
LC50, (96h), Salmo gairdneri, 0,53 mg/l
LC50, (96h), fish, 0,89 mg/l (NH3)
LC50, (96h), Daphnia magna, 0,101 mg/l (NH3)

12.2 Persistence and degradability

Behaviour in environment compartments not determined

Behaviour in sewage plant not determined

Biological degradability The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.
Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

12.7 Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.

Waste no. (recommended) 160504* gases in pressure containers (including halons) containing dangerous substances

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Waste no. (recommended) 150110* packaging containing residues of or contaminated by hazardous substances
150104

SECTION 14: Transport information

14.1 UN number or ID number

Transport by land according to ADR/RID	1950
Inland navigation (ADN)	1950
Marine transport in accordance with IMDG	1950
Air transport in accordance with IATA	1950

14.2 UN proper shipping name

Transport by land according to ADR/RID	Aerosols
- Classification Code	5F
- Label	
- ADR LQ	1 l
- ADR 1.1.3.6 (8.6)	Transport category (tunnel restriction code) 2 (D)
Inland navigation (ADN)	Aerosols
- Classification Code	5F
- Label	
Marine transport in accordance with IMDG	Aerosols
- EMS	F-D, S-U
- Label	
- IMDG LQ	1 l
Air transport in accordance with IATA	Aerosols, flammable
- Label	

14.3 Transport hazard class(es)

Transport by land according to ADR/RID	2
Inland navigation (ADN)	2
Marine transport in accordance with IMDG	2.1
Air transport in accordance with IATA	2.1

14.4 Packing group

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID	no
Inland navigation (ADN)	no
Marine transport in accordance with IMDG	no
Air transport in accordance with IATA	no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EEC-REGULATIONS	2008/98/EC 2000/532/EC); 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014
TRANSPORT-REGULATIONS	ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2021)
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.
- Observe employment restrictions for people	Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.
- VOC (2010/75/CE)	21,5%

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H315 Causes skin irritation.
H330 Fatal if inhaled.
H280 Contains gas under pressure; may explode if heated.
H220 Extremely flammable gas.

H336 May cause drowsiness or dizziness.
H319 Causes serious eye irritation.
H225 Highly flammable liquid and vapour.

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform ChemicaL Information Database
IVIS = In vitro irritation score
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
LL50 = Median lethal loading
LQ = Limited Quantities
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Aerosol 1: H222 Extremely flammable aerosol. (Bridging principle "Aerosols") H229 Pressurised container: May burst if heated. (Bridging principle "Aerosols")
Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)

Modified position

SECTION 2 been added: P280 Wear eye protection / face protection.

SECTION 2 been added: Contains no ingredients with endocrine-disrupting properties.

SECTION 2 deleted: P280 Wear eye protection.

SECTION 8 been added: Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 8 been added: In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection.

SECTION 9 been added: yellowish

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