

Foam Cleaner

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

1.1 - Product identifier

Trade name/designation: Foam Cleaner
Chemical name:
Product-type: Mixture
Product code: KF04504
UFI: GV00-R0QW-C00T-335X

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

Relevant identified uses

- Aerosols
- PC35: Washing and cleaning products (including solvent based products).

1.3 - Details of the supplier of the safety data sheet

INTERACTION

Jean-Baptiste de Ghellincklaan 23, box 101
9051 Gent Belgium
Telephone : +32 9 380 8248; +32 9 380 8249
info@interaction-connect.com

1.4 - Emergency telephone number

Giftnotrufzentrale (Österreich)
Tel. No.: +43 1 406 4343

Antigif Centrum Centrum Antigif (België)/ Antigif Centrum Zentrum Antipoisons (Belgien)/ Antigif Centrum Centre Antipoisons (Belgique)
Tel. No.: +32 070 245 245

Национален център по токсикология, Болница за активно лечение и спешна медицина "Н. И. Пирогов" (България)
Tel. No. / fax: +359 2 9154 233

Centar za kontrolu trovanja (Hrvatska)
Tel. No.: +385 1 234 8342

Toxikologické informační centrum (Česká republika)
Tel. No.: +420 224 919 293 / +420 224 915 402

Hotline voor gifbestrijding (Denemarken)
Tel. No.: +45 82 12 12 12

Mürgistusteabekeskus (Eesti)
Tel. No.: +372 794 3794 (or 16662 national/ või 16662 riiklikku)

Myrkytystietokeskus (Suomi)
Tel. No.: +358 09 471 977

ORFILA (INERIS) (France)
Tel. No.: +33 (0) 1 45 42 59 59

Giftinformationszentrum, Charité - Universitätsmedizin Berlin, Hindenburgdamm 30, 12203 Berlin (Deutschland)
Tel. No.: +4930 30686700

Egészségügyi Toxikológiai Információs Szolgálat (Magyarország)
Tel. No.: +36 80 20 11 99

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Poison Centre (Iceland)/ Eitrunarmiðstöð (Ísland)
Tel. No.: +354 543 2222

CAV Milano Niguarda Ca' Granda (Italy)
Tel. No.: +39 02 66101029
CAV "Osp. Pediatrico Bambino Gesù" Dip. Emergenza e Accettazione DEA
Tel. No.: +39 06 68593726

Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs (Latvija)
Tel. No.: +371 670 42473

Valstybinė vaistų kontrolės tarnyba (VVKT), Apsinuodijimų informacijos biuras (VTI) (Lietuva)
Tel. No.: +370 5 236 20 52

Isptar Mater Dei (Malta)
Tel. No.: +356 2545 0000

Nationaal Vergiftigingen Informatie Centrum (NVIC) (Nederland)
Tel. No.: +31 (0) 30 274 8888

Hjelpetelefon for psykisk helse (Norge)
Tel. No.: +47 22 59 13 00

Instituto Nacional de Emergência Médica (Portugal)
Tel. No.: +351 213 303 271

Biroul RSI si Informare Toxicologica (Romania)
Tel. No.: +40 021 318 3606

Národné toxikologické informačné centrum (NTIC) (Slovensko)
Tel. No.: +421 2 5477 4166

Servicio de Información Toxicológica (España)
Tel. No.: +34 91 562 04 20

Svensk Giftinformationscentral (Sverige)
Tel. No.: +46 08 331231

Emergency Action (United Kingdom): Emergency phone number when using this product Tel. No.: +370 682 54054 (phone number is available from 8 am - 10 pm/ Monday-Friday; Kaunas, Lithuania).
In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Aerosol 1	Aerosol - Category 1
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2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: Hydrocarbons, C3-4-rich, petroleum distillate, Petroleum gas, [A complex combination of hydrocarbons produced by distillation and condensation of crude oil. It consists of hydrocarbons having carbon numbers in the range of C3 through C5, predominantly C3 through C4.] (CAS No.: 68512-91-4)

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Signal word : Danger

Hazard pictograms



Hazard statements

H222	Extremely flammable aerosol
H229	Pressurised container: May burst if heated

Precautionary statements

P102	Keep out of reach of children.
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.

EUH-phrases : None

Regulation (EC) No. 648/2004 (Detergents regulation)

Zone libre de la rubrique 1501 pour les détergents

2.3 - Other hazards

PBT-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

vPvB-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

Other hazards which do not result in classification - In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.
- Chemical under pressure: may explode if heated.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

- Hydrocarbons, C3-4-rich, petroleum distillate; Petroleum gas: Note K: The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0.1% w/w 1,3 butadiene (EINECS 203-450-8).

Chemical name	No	%	Class(es)	Specific concentration limit
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Hydrocarbons, C3-4-rich, petroleum distillate, Petroleum gas, [A complex combination of hydrocarbons produced by distillation and condensation of crude oil. It consists of hydrocarbons having carbon numbers in the range of C3 through C5, predominantly C3 through C4.]	CAS No. : 68512-91-4 Index No. : 649-083-00-0 EC No. : 270-990-9	> 50 - < 100	Carc. 1A - H350 Flam. Gas 1 - H220 Muta. 1B - H340 Press. Gas	Not applicable
Alcohols, C12-14, ethoxylated	CAS No. : 68439-50-9 Index No. : EC No. : 500-213-3	< 1	Aquatic Chronic 1 - H410 Aquatic Chronic 2 - H411	Not applicable
sodium nitrite	CAS No. : 7632-00-0 Index No. : 007-010-00-4 EC No. : 231-555-9	< 1	Acute Tox. 3 Oral - H301 Aquatic Acute 1 - H400 Eye Irrit. 2 - H319 Ox. Liq. 3 - H272	Not applicable
N-(2-hydroxyethyl)-N,N-dimethyl alkyl-C12-14-(even numbered)-1-aminiium chloride	CAS No. : Index No. : EC No. : 931-275-3	< 1	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411 Skin Corr. 1C - H314 STOT RE 2 - H373	Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation

- Provide fresh air.
- Remove casualty to fresh air and keep warm and at rest.
- When in doubt or if symptoms are observed, get medical advice.

Following skin contact

- After contact with skin, wash immediately with plenty of water and soap.
- When in doubt or if symptoms are observed, get medical advice.

After eye contact

- Rinse immediately carefully and thoroughly with eye-bath or water.
- In case of eye irritation consult an ophthalmologist.

After ingestion

- Rinse mouth immediately and drink plenty of water.
- Never give anything by mouth to an unconscious person or a person with cramps.
- Do NOT induce vomiting.

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

Symptoms and effects - Following inhalation

- No information available.

Symptoms and effects - Following skin contact

- No information available.

Symptoms and effects - After eye contact

- No information available.

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

- Treat symptomatically.
- In case an intoxication is suspected, National Poisons Information Centre should be addressed immediately, number of Emergency telephone see in section 1.4.

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SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media

- Carbon dioxide (CO₂)
- Foam
- Extinguishing powder

Unsuitable extinguishing media

- Full water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture

- This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).
- Vapours can form explosive mixtures with air.
- Contains gas under pressure; may explode if heated.

Hazardous decomposition products

- Carbon dioxide (CO₂)
- Carbon monoxide

5.3 - Advice for firefighters

- Wear a self-contained breathing apparatus and chemical protective clothing.
- Use water spray jet to protect personnel and to cool endangered containers.
- Move undamaged containers from immediate hazard area if it can be done safely.
- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
- In case of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- Remove all sources of ignition.
- Provide adequate ventilation.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Avoid contact with skin, eyes and clothes.

For emergency responders

- Wear personal protection equipment (refer to section 8).

6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.
- Explosion risk.
- Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3 - Methods and material for containment and cleaning up

Methods and material for containment

- No information available.

Methods and material for cleaning up

- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Treat the recovered material as prescribed in the section on waste disposal.
- Ventilate affected area.

Inappropriate techniques

- No information available.

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6.4 - Reference to other sections

- Safe handling: see section 7
- Personal protection equipment: see section 8
- Disposal: see section 13

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation

- Use only in well-ventilated areas.
- Take precautionary measures against static discharges.
- Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.
- Vapours can form explosive mixtures with air.
- Do not spray on naked flames or any incandescent material.
- Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches.

Advices on general occupational hygiene

- Heating causes rise in pressure with risk of bursting.
- Wash hands and face before breaks and after work and take a shower if necessary.
- When using do not eat, drink, smoke, sniff.

7.2 - Conditions for safe storage, including any incompatibilities

- Keep container tightly closed and in a well-ventilated place.
- Protect against: Heat
- Do not store together with:
 - Pyrophoric or self-heating substances
 - Radioactive substances
 - Infectious substances
 - Organic peroxides
 - Oxidizing liquids
 - Oxidizing solids
- Substances or mixtures which, in contact with water, emit flammable gases
- Ensure adequate ventilation of the storage area.
- Protect against: UV-radiation/sunlight

7.3 - Specific end use(s)

- Aerosols

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

DNEL / PNEC

Hydrocarbons, C3-4-rich, petroleum distillate, Petroleum gas, [A complex combination of hydrocarbons produced by distillation and condensation of crude oil. It consists of hydrocarbons having carbon numbers in the range of C3 through C5, predominantly C3 through C4.] (68512-91-4)

Type	Value	User	Effect
DNEL long-term oral (repeated)	0.464 mg/kg bw/day	Consumers	Systemic

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DNEL long-term inhalative	2.21 mg/m3	Workers	Systemic
DNEL long-term inhalative	0.265 mg/m3	Consumers	Systemic

Alcohols, C12-14, ethoxylated (68439-50-9)

Type	Value	User	Effect
DNEL long-term oral (repeated)	1.33 mg/kg bw/day	Consumers	Systemic
DNEL long-term inhalative	19.6 mg/m3	Workers	Systemic
DNEL long-term inhalative	3.48 mg/m3	Consumers	Systemic
DNEL long-term dermal	187 mg/kg bw/day	Workers	Systemic
DNEL long-term dermal	66.7 mg/kg bw/day	Consumers	Systemic
PNEC aquatic, freshwater	0.003 mg/l		
PNEC aquatic, marine water	0 mg/l		
PNEC sediment, freshwater	0.089 mg/kg		
PNEC sediment, marine water	0.009 mg/kg		
PNEC soil	0.016 mg/kg		
PNEC sewage treatment plant (STP)	0.2 mg/l		

sodium nitrite (7632-00-0)

Type	Value	User	Effect
DNEL acute inhalative	2 mg/m3	Workers	Systemic
DNEL long-term inhalative	2 mg/m3	Workers	Systemic
PNEC aquatic, freshwater	0.005 mg/l		
PNEC aquatic, marine water	0.006 mg/l		
PNEC sediment, freshwater	0.019 mg/kg		
PNEC sediment, marine water	0.022 mg/kg		
PNEC soil	0.001 mg/kg		
PNEC sewage treatment plant (STP)	21 mg/l		

N-(2-hydroxyethyl)-N,N-dimethyl alkyl-C12-14-(even numbered)-1-aminium chloride

Type	Value	User	Effect
DNEL long-term oral (repeated)	0.9 mg/kg bw/day	Consumers	Systemic
DNEL long-term inhalative	2.2 mg/m3	Workers	Systemic
DNEL long-term inhalative	3.1 mg/m3	Consumers	Systemic
DNEL long-term dermal	1.25 mg/kg bw/day	Workers	Systemic
DNEL long-term dermal	0.9 mg/kg bw/day	Consumers	Systemic
DNEL long-term dermal	0.02 mg/kg bw/day	Consumers	Local
PNEC aquatic, freshwater	0.004 mg/l		
PNEC aquatic, marine water	0.0004 mg/l		
PNEC aquatic, intermittent release	0.0014 mg/l		
PNEC sediment, freshwater	4.8 mg/kg		
PNEC sediment, marine water	0.48 mg/kg		
PNEC soil	0.61 mg/kg		
PNEC sewage treatment plant (STP)	0.19 mg/l		

8.2 - Exposure controls

Appropriate engineering controls

- If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.
- Do not eat, drink or smoke when using this product.
- Take off contaminated clothing and wash it before reuse.
- Wash hands before breaks and after work.

Individual protection measures, such as personal protective equipment

- Additional eye protection measures: In case of increased risk, additionally
- Hand protection is not required.

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- In case of prolonged or frequently repeated skin contact:
- Breakthrough time: > 480 min.
- Protective gloves according to EN374
- Suitable material: FKM (fluoro rubber)

- In the case of wanting to use the gloves again, clean them before taking off and air them well.
- If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

- Suitable respiratory protection apparatus: AX

Environmental exposure controls

- Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	<u>Appearance</u>	<u>Aerosol</u>
<u>Colour</u>	<u>Odour</u>	<u>characteristic</u>
Odour threshold	No data available	
pH	No data available	
Melting point	No data available	
Freezing point	No data available	
Boiling point	No data available	
Flash point	No data available	
Evaporation rate	No data available	
flammability	No data available	
Lower explosion limit	No data available	
Upper explosion limit	No data available	
Vapour pressure	3.1 hPa < V < 6.1 hPa	
Vapour density	No data available	
Relative density	No data available	
Density	0.9 g/cm ³ < V < 1 g/cm ³	
Solubility (Water)	practically insoluble	
Solubility (Ethanol)	No data available	
Solubility (Acetone)	No data available	
Solubility (Organic solvents)	No data available	
Log KOC	No data available	
Auto-ignition temperature	No data available	

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Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

Particle characteristics

Particle size	No data available
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9.2 - Other information

VOC content	10 %
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- Heating causes rise in pressure with risk of bursting.

10.4 - Conditions to avoid

- Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.
- In case of warming: Ignition hazard

10.5 - Incompatible materials

- No information available.

10.6 - Hazardous decomposition products

- In use may form flammable/explosive vapour-air mixture.
- Carbon dioxide
- Carbon monoxide

SECTION 11: Toxicological information

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

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

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- Based on available data, the classification criteria are not met.

Toxicity : Substances

Hydrocarbons, C3-4-rich, petroleum distillate, Petroleum gas, [A complex combination of hydrocarbons produced by distillation and condensation of crude oil. It consists of hydrocarbons having carbon numbers in the range of C3 through C5, predominantly C3 through C4.] (68512-91-4)

LC50 inhalation (rat)	> 800000 ppmV
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Alcohols, C12-14, ethoxylated (68439-50-9)

LD50 oral (rat)	> 2000 mg/kg
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LD50 dermal (rat)	> 2000 mg/kg
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LC50 inhalation dusts and mists (rat)	> 1.6 mg/l
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sodium nitrite (7632-00-0)

LD50 oral (rat)	180 mg/kg
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LC50 inhalation dusts and mists (rat)	0.095 mg/l
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N-(2-hydroxyethyl)-N,N-dimethyl alkyl-C12-14-(even numbered)-1-aminium chloride ()

LD50 oral (rat)	200 mg/kg < V < 2000 mg/kg
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Skin corrosion/irritation - Not classified

Serious eye damage/eye irritation - Not classified

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

11.2 - Information on other hazards

- This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available

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NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

Toxicity : Substances

Hydrocarbons, C3-4-rich, petroleum distillate, Petroleum gas, [A complex combination of hydrocarbons produced by distillation and condensation of crude oil. It consists of hydrocarbons having carbon numbers in the range of C3 through C5, predominantly C3 through C4.] (68512-91-4)	
LC50 96 hr fish	24.11 mg/l < V < 147.54 mg/l
ErC50 algae	7.71 mg/l < V < 16.5 mg/l
ErC50 other aquatic plants	7.02 mg/l < V < 69.43 mg/l
Alcohols, C12-14, ethoxylated (68439-50-9)	
LC50 96 hr fish	1.2 mg/l
ErC50 algae	> 2 mg/l
ErC50 other aquatic plants	0.53 mg/l
NOEC chronic fish	0.16 mg/l
NOEC chronic other aquatic plants	0.77 mg/l
sodium nitrite (7632-00-0)	
LC50 96 hr fish	0.54 mg/l < V < 26.3 mg/l
ErC50 algae	0 mg/l < V < 100 mg/l
ErC50 other aquatic plants	4.93 mg/l
NOEC chronic fish	0.7 mg/l
NOEC chronic other aquatic plants	9.86 mg/l
N-(2-hydroxyethyl)-N,N-dimethyl alkyl-C12-14-(even numbered)-1-aminium chloride ()	
LC50 96 hr fish	4.2 mg/l
ErC50 other aquatic plants	0.53 mg/l
NOEC chronic fish	0.16 mg/l
NOEC chronic algae	> 0.212 mg/l
NOEC chronic other aquatic plants	> 0.1 mg/l

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

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12.6 - Endocrine disrupting properties

12.7 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods

- Dispose of waste according to applicable legislation.
- Completely emptied packages can be recycled.
- packaging containing residues of or contaminated by dangerous substances
- Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.
- 16 05 04
- WASTES NOT OTHERWISE SPECIFIED IN THE LIST
- Gases in pressure containers (including halons) containing hazardous substances
- gases in pressure containers and discarded chemicals
- hazardous waste
- 15 01 10 *
- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
- absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
- packaging containing residues of or contaminated by dangerous substances

Sewage disposal

- No information available.

Special precautions for waste treatment

- No information available.

Community or national or regional provisions

- Dispose according to legislation.

SECTION 14: Transport information

14.1 - UN number or ID number

<u>UN number (ADR)</u>	:	UN1950
<u>UN number (RID)</u>	:	UN1950
<u>UN number (ADN)</u>	:	UN1950
<u>UN number (IMDG)</u>	:	UN1950
<u>UN number (IATA)</u>	:	UN1950

14.2 - UN proper shipping name

<u>UN proper shipping name (ADR)</u>	:	AEROSOLS
<u>UN proper shipping name (RID)</u>	:	AEROSOLS
<u>UN proper shipping name (ADN)</u>	:	AEROSOLS

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UN proper shipping name (IMDG) : AEROSOLS

UN proper shipping name (IATA) : AEROSOLS, FLAMMABLE

14.3 - Transport hazard class(es)

ADR Transport hazard class(es) : 2

ADR Classification code: : 5F

Pictograms



Transport hazard class(es) (RID) : 2

Pictograms



Transport hazard class(es) (ADN) : 2

Pictograms



Transport hazard class(es) (IMDG) : 2

Pictograms



Transport hazard class(es) (IATA) : 2

Pictograms



14.4 - Packing group

Packing group :

Packing group (RID) :

Packing group (ADN) :

Packing group (IMDG) :

Packing group (IATA) :

14.5 - Environmental hazards

Environmental hazards : No

Marine pollutant : No

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14.6 - Special precautions for user

ADR

<u>ADR Classification code:</u>	:	5F
<u>ADR Special provisions</u>	:	190+327+344+625
<u>ADR Limited quantity (LQ)</u>	:	1L
<u>ADR Excepted quantities</u>	:	E0
<u>ADR Packing instructions</u>	:	
<u>ADR Special packing provisions</u>	:	
<u>ADR Mixed packing provisions</u>	:	
<u>Instructions for portable tanks and bulk containers</u>	:	
<u>Special provisions for portable tanks and bulk containers</u>	:	
<u>ADR tank code</u>	:	
<u>ADR tanks special provisions</u>	:	
<u>Vehicle for tank carriage</u>	:	
<u>ADR Transport category</u>	:	2
<u>ADR Tunnel restriction code</u>	:	D
<u>ADR Special provisions loading, unloading and handling</u>	:	
<u>Special provisions - Packages</u>	:	V14
<u>Special provisions - Bulk</u>	:	
<u>Special provisions - Operation</u>	:	S2
<u>ADR Hazard identification number (Kemler No.)</u>	:	

RID

<u>Special provisions</u>	:	190 327 344 625
<u>Limited quantity (LQ)</u>	:	1 L
<u>Excepted quantities</u>	:	E0

ADN

<u>Special provisions</u>	:	190 327 344 625
<u>Limited quantity (LQ)</u>	:	LQ 2
<u>Excepted quantities</u>	:	E0

IMDG

<u>Special provisions</u>	:	63 190 277 327 344 381 959
<u>Limited quantity (LQ)</u>	:	See SP277
<u>Excepted quantities</u>	:	E0
<u>Packing instructions</u>	:	
<u>Special packing provisions</u>	:	
<u>IBC instruction(s)</u>	:	
<u>IBC provisions</u>	:	
<u>Instructions for portable tanks and bulk containers</u>	:	
<u>Special provisions for portable tanks and bulk containers</u>	:	
<u>EmS codes</u>	:	F-D, S-U
<u>Stowage and handling</u>	:	Category None SW1 SW22
<u>Segregation</u>	:	
<u>Properties and observations</u>	:	

IATA

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<u>PCA - Excepted quantities</u>	:	E0
<u>PCA - Limited Quantity - Packing Instructions</u>	:	Y203
<u>PCA - Limited Quantity - Maximum Net Quantity per Package</u>	:	30kg
<u>PCA - Packing Instructions</u>	:	203
<u>PCA - Maximum Net Quantity per Package</u>	:	75kg
<u>CAO - Packing Instructions</u>	:	203
<u>CAO - Maximum Net Quantity per Package</u>	:	150kg
<u>Special Provisions</u>	:	A145 A167 A802
<u>ERG Code</u>	:	

14.7 - Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

<u>Substances REACH candidates</u>	None
<u>Substances Annex XIV</u>	None
<u>Substances Annex XVII</u>	None
<u>VOC content</u>	10 %

- according to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No 453/2010)
- – COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ L 203, 26.6.2020, p. 28–58);
- – COUNCIL DIRECTIVE of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (OJ L 147, 9.6.1975, p. 40)
- – On 16 December 2008 the Regulation (EC) No. 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of chemical substances and mixtures was undersigned. The said Regulation amended and repealed the directives 67/548/EEC and 1999/45/EC and Regulation (EC) No. 1907/2006 (the REACH Regulation). The Regulation has been published in the Official Journal of the European Union No. L 353, volume 51 on 31 December, 2008;
- – REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents (OJ L 104/1, 8.4.2004, p.001-0035);
- – Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No.793/93, Commission Regulation (EC) No. 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union No. L 396, 30-12-2006, error correction – No. L 136/3, 2007-5-29);
- – The European Agreement concerning International Carriage of Dangerous Goods by Road (ADR).
- Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work
- Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
- Swiss Regulations: Article 4 para. 4 of the Ordinance on the protection of young people in the workplace (SR 822.115) and Article 1 lit. f of the EAER regulation on hazardous work and young people (SR 822.115.2).

Regulation (EC) No. 648/2004 (Detergents regulation)

Zone libre de la rubrique 1501 pour les détergents

15.2 - Chemical Safety Assessment

Foam Cleaner

Chemical safety assessment carried out for the product - No information available.

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1	06/06/2023		

Abbreviations and acronyms

- ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road.
- EC50 – Effective concentration to 50% of a test population (half maximal effective concentration).
- IMDG – International Maritime Dangerous Goods.
- LC50 – Lethal Concentration to 50 % of a test population.
- LD50 – Lethal Dose to 50% of a test population (Median Lethal Dose).
- PBT – Persistent, Bioaccumulative and Toxic substance.
- PNEC(s) – Predicted No Effect Concentration(s).
- RID – Regulations concerning the International Carriage of Dangerous Goods by Rail.
- vPvB – Very Persistent and Very Bioaccumulative.

Data sources:

European Chemicals Agency (ECHA)
European Chemicals Bureau (ECB)
International Laboratories Organization (ILO)

Texts of the regulatory sentences

Acute Tox. 3 Oral	Acute toxicity (oral) - Category 3
Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aerosol 1	Aerosol - Category 1
Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Aquatic Chronic 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Carc. 1A	Carcinogenicity - Category 1A
Eye Irrit. 2	Eye irritation - Category 2
Flam. Gas 1	Flammable gas. - Category 1
H220	Extremely flammable gas
H222	Extremely flammable aerosol
H229	Pressurised container: May burst if heated
H272	May intensify fire; oxidiser
H301	Toxic if swallowed
H319	Causes serious eye irritation
H340	May cause genetic defects - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
H350	May cause cancer - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

Foam Cleaner

Muta. 1B	Germ cell mutagenicity - Category 1B
Ox. Liq. 3	Oxidising liquids - Category 3
Press. Gas	Gases under pressure
Skin Corr. 1C	Skin corrosion, Category 1C
STOT RE 2	STOT-repeated exposure - Category 2

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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