

VIKING 1196743 Whiteboard foam 400ml

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

1.1 - Product identifier

Trade name/designation VIKING 1196743 Whiteboard foam 400ml

Chemical name

Product-type Mixture

Product code 1196743

UFI: 9A20-C0FN-K006-CW31

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

Relevant identified uses

- Aerosols
- Consumer uses: Private households (= general public = consumers)
- PC35: Washing and cleaning products (including solvent based products).

1.3 - Details of the supplier of the safety data sheet

Fabrica moderna

A. Juozapaviciaus ave. 7F, LT-45251

Kaunas Lithuania

Telephone : +370 612 10528

Distributor

Viking Office International B.V.

Columbusweg 33 · 5928 LA Venlo

The Netherlands · Tel. +31 77 326 50 00

Viking Office UK Limited

501 Beaumont Leys Lane · Leicester LE4 2BN

United Kingdom · Tel. +44 (0)116 237 2006

eu_quality_ownbrand@vikingoffice.eu

1.4 - Emergency telephone number

Antigif Centrum Centrum Antigif (België)/ Antigif Centrum Zentrum Antipoisons (Belgien)/ Antigif Centrum Centre Antipoisons (Belgique)

Tel. No.: +32 070 245 245

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Tel. No. / fax: +359 2 9154 233

Centar za kontrolu trovanja (Hrvatska)

Tel. No.: +385 1 234 8342

Toxikologické informa ní centrum (eská republika)

Tel. No.: +420 224 919 293 / +420 224 915 402

Giftlinjen (Denmark)

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)

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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

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

CAV Milano Niguarda Ca' Granda (Italy)
Tel. No.: +39 02 66101029

Valsts Toksikoloģijas centrs, Saind šan s un z u inform cijas centrs (Latvija)
Tel. No.: +371 670 42473

Valstybin vaist kontrol s tarnyba (VVKT), Apsinuodijim 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 informa né 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

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]

Signal word : Danger

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Hazard pictograms



Hazard statements

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

Precautionary statements

P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
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)

Contains:

- less than 5%: nonionic surfactants
- 15% or more but less than 30%: aliphatic hydrocarbons
- perfumes

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.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No.	%	Class(es)	Specific concentration limit
butane INCI: BUTANE	CAS No. : 106-97-8 Index No. : 601-004-00-0 EC No. : 203-448-7	>= 15.4 - <= 17.6	Flam. Gas 1 - H220 Press. Gas	Not applicable
propan-2-ol, isopropyl alcohol, isopropanol INCI: ISOPROPYL ALCOHOL	CAS No. : 67-63-0 Index No. : 603-117-00-0 EC No. : 200-661-7	>= 5 - <= 8	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 - H336	Not applicable
propane INCI: PROPANE	CAS No. : 74-98-6 Index No. : 601-003-00-5 EC No. : 200-827-9	>= 4.4 - <= 6.6	Flam. Gas 1 - H220 Press. Gas	Not applicable

SECTION 4: First aid measures

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4.1 - Description of first aid measures

<u>Following inhalation</u>	<ul style="list-style-type: none">- Remove casualty to fresh air and keep warm and at rest.- When in doubt or if symptoms are observed, get medical advice.
<u>Following skin contact</u>	<ul style="list-style-type: none">- Remove contaminated, saturated clothing immediately.- After contact with skin, wash immediately with plenty of water and soap.- When in doubt or if symptoms are observed, get medical advice.
<u>After eye contact</u>	<ul style="list-style-type: none">- Remove contact lenses, if present and easy to do. Continue rinsing.- Rinse immediately carefully and thoroughly with eye-bath or water.- In case of eye irritation consult an ophthalmologist.
<u>After ingestion</u>	<ul style="list-style-type: none">- Unlikely.- Do NOT induce vomiting.- When in doubt or if symptoms are observed, get medical advice.

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

<u>Symptoms and effects - Following inhalation</u>	- No information available.
<u>Symptoms and effects - Following skin contact</u>	- No information available.
<u>Symptoms and effects - After eye contact</u>	- Causes eye irritation.
<u>Symptoms and effects - After ingestion</u>	- 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.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

<u>Suitable extinguishing media</u>	<ul style="list-style-type: none">- alcohol resistant foam- Carbon dioxide (CO₂)- Water mist- Water spray
<u>Unsuitable extinguishing media</u>	- Full water jet

5.2 - Special hazards arising from the substance or mixture

<u>Special hazards arising from the substance or mixture</u>	- May form hazardous decomposition products when exposed to high temperatures.
<u>Hazardous decomposition products</u>	<ul style="list-style-type: none">- Carbon dioxide (CO₂)- Carbon monoxide- Gases/vapours, harmful

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5.3 - Advice for firefighters

- Do not allow run-off from fire-fighting to enter drains or water courses.
- Use water spray jet to protect personnel and to cool endangered containers.
- Wear a self-contained breathing apparatus and chemical protective clothing.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel
- Pressurised container: May burst if heated.
 - Provide adequate ventilation.
 - Remove persons to safety.
 - Use personal protection equipment.
 - Remove all sources of ignition.
 - Wear breathing apparatus if exposed to vapours/dusts/aerosols.
- For emergency responders
- Wear breathing apparatus if exposed to vapours/dusts/aerosols.
 - Wear personal protection equipment (refer to section 8).

6.2 - Environmental precautions

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

6.3 - Methods and material for containment and cleaning up

- Methods and material for containment
- Collect in closed and suitable containers for disposal.
 - Provide adequate ventilation.
- Methods and material for cleaning up
- Ventilate affected area.
 - In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
 - Wash with plenty of water.
- Inappropriate techniques
- No information available.

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
- Vapours can form explosive mixtures with air.
 - Do not pierce or burn, even after use.
 - Flammable vapours can accumulate in head space of closed systems.
 - Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.
 - Keep away from sources of ignition - No smoking.
 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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- Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.
- Use only antistatically equipped (spark-free) tools.
- Use personal protective equipment as required.

Advices on general occupational hygiene

- Avoid contact with skin, eyes and clothes.
- Wash hands before breaks and after work.
- When using do not eat, drink, smoke, sniff.

7.2 - Conditions for safe storage, including any incompatibilities

- Keep container tightly closed in a cool, well-ventilated place.
- Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
- Protect from direct sunlight.

7.3 - Specific end use(s)

- Aerosols
- Washing and cleaning products

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

butane (106-97-8)	
IOELV TWA mg/m ³ (UE)	1450 mg/m ³
IOELV TWA ppm (UE)	600 ppm
TWA EH40 ppm (UK)	600 ppm
TWA EH40 mg/m ³ (UK)	1450 mg/m ³
STEL EH40 ppm (UK)	750 ppm
STEL EH40 mg/m ³ (UK)	1810 mg/m ³
propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
TWA EH40 ppm (UK)	400 ppm
TWA EH40 mg/m ³ (UK)	999 mg/m ³
STEL EH40 ppm (UK)	500 ppm
STEL EH40 mg/m ³ (UK)	1250 mg/m ³

DNEL / PNEC

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)			
Type	Value	User	Effect
DNEL short-term oral (acute)	51 mg/kg	Consumers	Systemic
DNEL long-term oral (repeated)	26 mg/kg bw/day	Consumers	Systemic
DNEL acute inhalative	178 mg/m ³	Consumers	Systemic
DNEL acute inhalative	1000 mg/m ³	Workers	Systemic
DNEL long-term inhalative	500 mg/m ³	Workers	Systemic
DNEL long-term inhalative	89 mg/m ³	Consumers	Systemic
DNEL long-term dermal	888 mg/kg bw/day	Workers	Systemic
DNEL long-term dermal	319 mg/kg bw/day	Consumers	Systemic
PNEC aquatic, freshwater	140.9 mg/l		
PNEC aquatic, marine water	140.9 mg/l		
PNEC aquatic, intermittent release	140.9 mg/l		
PNEC sediment, freshwater	552 mg/kg		
PNEC sediment, marine water	552 mg/kg		

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PNEC soil	28 mg/kg		
PNEC Secondary Poisoning	160 mg/kg		
PNEC sewage treatment plant (STP)	2251 mg/l		

propane (74-98-6)			
Type	Value	User	Effect
DNEL short-term oral (acute)	0.464 mg/kg	Consumers	Systemic
DNEL long-term inhalative	2.21 mg/m ³	Workers	Systemic
DNEL long-term inhalative	0.265 mg/m ³	Consumers	Systemic

8.2 - Exposure controls

Appropriate engineering controls

- Do not eat, drink or smoke when using this product.
- Wash hands before breaks and after work.

Individual protection measures, such as personal protective equipment

- Eye glasses with side protection
- DIN EN 166
- Protective gloves according to EN374
- Glove material: Nitrile rubber (0.11 mm).
- Breakthrough time: 120 min
- For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
- When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.
- This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.
- Use only respiratory protection equipment with CE-symbol including four digit test number.
- Wear anti-static footwear and clothing

Environmental exposure controls

- No information available.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

Physical state	gaseous	Appearance	Aerosol
Colour		Odour	
Odour threshold		No data available	
pH		8 < V < 11	
Melting point		No data available	
Freezing point		No data available	
Boiling point		No data available	

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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	No data available
Vapour density	No data available
Relative density	No data available
Density	No data available
Solubility (Water)	No data available
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
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available
Refractive index	No data available
Solids content	No data available
Surface tension	No data available
Saturation concentration	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- Extremely flammable aerosol. Pressurized container: May burst if heated.

10.2 - Chemical stability

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

10.3 - Possibility of hazardous reactions

- No known hazardous reactions.

10.4 - Conditions to avoid

- Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.
- Keep away from sources of ignition - No smoking.

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10.5 - Incompatible materials

- Acid
- Oxidising agent
- Alkaline earth metal

10.6 - Hazardous decomposition products

- May form hazardous decomposition products when exposed to high temperatures.
- Carbon dioxide
- Carbon monoxide

SECTION 11: Toxicological information

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

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

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

Toxicity : Substances

butane (106-97-8)	
LC50 inhalation (rat)	> 800000 ppmV
LC50 inhalation vapours (rat)	658 mg/l
propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
LD50 oral (rat)	5840 mg/kg
LD50 dermal (rabbit)	13900 mg/kg
LC50 inhalation vapours (rat)	5000 mg/l
propane (74-98-6)	
LC50 inhalation (rat)	> 800000 ppmV
LC50 inhalation vapours (rat)	> 20 mg/l

Skin corrosion/irritation - Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation - Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation - Based on available data, the classification criteria are not met.

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

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

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

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

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

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

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

Toxicity : Substances

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)

EC50 48 hr crustacea	1000 mg/l
LC50 96 hr fish	9640 mg/l
ErC50 algae	> 100 mg/l
NOEC chronic fish	> 1000 mg/l
NOEC chronic algae	1800 mg/l

12.2 - Persistence and degradability

Mixture

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

Substances

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)

% of biodegradation in 28 days	95 %
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12.3 - Bioaccumulative potential

Mixture

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

Substances

butane (106-97-8)

Log KOC	1.09 < V < 2.8
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propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
Log KOC	0.05
propane (74-98-6)	
Log KOC	2.36

12.4 - Mobility in soil

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.

12.6 - Endocrine disrupting properties

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

12.7 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

<u>Waste treatment methods</u>	<ul style="list-style-type: none"> - Dispose of waste according to applicable legislation. - Do not allow to enter into surface water or drains. - Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. - Completely emptied packages can be recycled. - The product must not be disposed of with municipal waste.
<u>Sewage disposal</u>	- No information available.
<u>Special precautions for waste treatment</u>	- No information available.
<u>Community or national or regional provisions</u>	- Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.
<u>Waste codes / waste designations according to Regulation 2014/955/UE</u>	<p>16 05 04* - gases in pressure containers (including halons) containing hazardous substances</p> <p>15 01 05 - composite packaging</p> <p>20 01 01 - paper and cardboard</p>

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

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14.2 - UN proper shipping name

UN proper shipping name (ADR) : AEROSOLS
UN proper shipping name (RID) : AEROSOLS
UN proper shipping name (ADN) : AEROSOLS
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

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Packing group :
Packing group (RID) :
Packing group (ADN) :
Packing group (IMDG) :
Packing group (IATA) :

14.5 - Environmental hazards

Environmental hazards : No
Marine pollutant : No

14.6 - Special precautions for user

ADR

ADR Classification code : 5F
ADR Special provisions : 190+327+344+625
ADR Limited quantity (LQ) : 1L
ADR Excepted quantities : E0
ADR Packing instructions : P207 LP200
ADR Special packing provisions : PP87 RR6 L2
ADR Mixed packing provisions : MP9
Instructions for portable tanks and bulk containers :
Special provisions for portable tanks and bulk containers :
ADR tank code :
ADR tanks special provisions :
Vehicle for tank carriage :
ADR Transport category : 2
ADR Tunnel restriction code : D
ADR Special provisions loading, unloading and handling : CV9 CV12
Special provisions - Packages : V14
Special provisions - Bulk :
Special provisions - Operation : S2
ADR Hazard identification number (Kemler No.) :

RID

Special provisions : 190+327+344+625
Limited quantity (LQ) :
Excepted quantities :

ADN

Special provisions : 190+327+344+625
Limited quantity (LQ) :
Excepted quantities :

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IMDG

<u>Special provisions</u>	:	63 190 277 327 344 381 959
<u>Limited quantity (LQ)</u>	:	
<u>Excepted quantities</u>	:	E0
<u>Packing instructions</u>	:	P207 LP200
<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

<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>	:	
<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>	No data available

- - 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);

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- - 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 2004/42/EC on the limitation of emissions of volatile organic compounds
- Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]
- 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).
- Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.
- The Aerosol Dispensers Regulations 2009

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

Contains:

- less than 5%: nonionic surfactants
- 15% or more but less than 30%: aliphatic hydrocarbons
- perfumes

15.2 - Chemical Safety Assessment

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1	12/12/2024		

Abbreviations and acronyms

- ACGIH – Association advancing occupational and environmental health.
- ADN – European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
- ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road.
- ADR: The Agreement concerning the International Carriage of Dangerous Goods by Road
- ATE: Acute Toxicity Estimate.
- CAS – Chemical Abstracts Service number.
- CAS No.: Chemical Abstracts Service number.
- CEN – European Committee for Standardisation.
- DNEL: Derived no-effect level.
- EC No: European Community number
- EC50 – Effective concentration to 50% of a test population (half maximal effective concentration).
- EC50: Effective concentration of the substance that causes adverse effects in 50% of test animals.
- IATA: International Air Transport Association.
- IC50 – Inhibitory concentration to 50% of a test population (half maximal inhibitory concentration).
- ICAO: International Civil Aviation Organization
- IMDG – International Maritime Dangerous Goods.

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- IMDG: International Maritime Dangerous Goods.
- IMO – International Maritime Organization.
- LC50 – Lethal Concentration to 50 % of a test population.
- LC50: Lethal Concentration to 50 % of a test animals.
- LD50 – Lethal Dose to 50% of a test population (Median Lethal Dose).
- LD50: Lethal Dose to 50% of a test animals.
- LOEC: Lowest Observed Effect Concentration.
- LOEL: Lowest Observed Adverse Effect Level.
- MSDS – Material Safety Data Sheet.
- NIOSH – National Institute of Occupational Safety and Health.
- NOEC – No effect concentration.
- NOEC: No Observed Effect Concentration.
- NOEL: No observable effect level.
- OEL: Occupational exposure limit.
- PBT – Persistent, Bioaccumulative and Toxic substance.
- PBT: Persistent, Bioaccumulative and Toxic.
- PNEC(s) – Predicted No Effect Concentration(s).
- PNEC: Predicted no-effect concentration.
- RID – Regulations concerning the International Carriage of Dangerous Goods by Rail.
- RID: International Carriage of Dangerous Goods by Rail.
- STEL: Short-term exposure limit
- STOT – Specific Target Organ Toxicity.
- TWA: Time weighted average
- vPvB – Very Persistent and Very Bioaccumulative.
- 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

Aerosol 1	Aerosol - Category 1
Eye Irrit. 2	Eye irritation - Category 2
Flam. Gas 1	Flammable gas. - Category 1
Flam. Liq. 2	Flammable liquid and vapour. - Category 2
H220	Extremely flammable gas.
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
Press. Gas	Gases under pressure
STOT SE 3	STOT-single exposure - Category 3 (H336)

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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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