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

1.1. Product identifier

Bremsenreinigerspray (321000844)

UFI: VVX2-R09X-R005-MAWW

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

Use of the substance/mixture

Cleaning agent.

Uses advised against

Do not use in cavities.

1.3. Details of the supplier of the safety data sheet

Company name:	Eduard Lutz Schrauben-Werkzeuge GmbH	
Street:	Dieselstraße 15	
Place:	D-86368 Gersthofen	
Telephone:	+49 (0) 821/4989-0	Telefax: +49 (0) 821/4989-111
E-mail:	technischer-handel@lutzgruppe.de	
Contact person:	see section: "Department responsible for information:"	
E-mail:	produktdatenmanagement@lutzgruppe.de	
Internet:	www.lutzgruppe.de	
Responsible Department:	Ansprechpartner: Herr Bablich, Herr Sturm, Herr Ravi, Herr Eberl	

1.4. Emergency telephone number:

+49(0)30-19240 Giftzentrale Berlin (24h)

Further Information

Restricted to professional users. Safety data sheet available for professional user on request. Follow the instructions for use on the label. To avoid risks to man and the environment, comply with the instructions for use.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Aerosol 1; H222-H229
Skin Irrit. 2; H315
STOT SE 3; H336
Asp. Tox. 1; H304
Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes (EINECS 927-510-4)

Signal word: Danger

Pictograms:

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

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.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container to an appropriate recycling or disposal facility.

Additional advice on labelling

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

Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Pictograms:

Hazard statements

H222-H229

Precautionary statements

P210-P211-P251-P410+P412

2.3. Other hazards

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.
Product has an anesthetic effect. Do not breathe aerosol.
Wear suitable protective clothing, gloves and eye/face protection.
The labeling of an aspiration hazard (Asp. Tox. 1 H304) is for aerosol dispensers and containers with sealed sprayer not required (Regulation (EC) 1272/2008, Annex 1, 1.3.3).
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.
The product does not contain any substances with endocrine-disrupting properties.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances listed below with nonhazardous additions:

Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
	hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes (EINECS 927-510-4)			80 - 100 %
	927-510-4		01-2119475515-33	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
74-98-6	propane			1 - < 5 %
	200-827-9	601-003-00-5	01-2119486944-21	
	Flam. Gas 1, Press. Gas (Comp.); H220 H280			
124-38-9	Carbon dioxide			1 - < 5 %
	204-696-9			
	Press. Gas (Ref. Liq.); H281			
106-97-8	Butane (<0.1% butadiene (EINECS 203-450-8))			1 - < 5 %
	203-448-7	601-004-00-0	01-2119474691-32	
	Flam. Gas 1, Press. Gas (Comp.); H220 H280			
75-28-5	Isobutane (<0.1% 1,3-butadiene (EINECS 203-450-8))			1 - < 2,5 %
	200-857-2	601-004-00-0	01-2119485395-27	
	Flam. Gas 1, Press. Gas (Comp.); H220 H280			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
	927-510-4	hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes (EINECS 927-510-4)	80 - 100 %
	inhalation: LC50 = > 23,3 mg/l (vapours); inhalation: LC50 = > 25,2 mg/l (dusts or mists); dermal: LD50 = > 2800 - 3100 mg/kg; oral: LD50 = > 5840 mg/kg Skin Irrit. 2; H315: >= 10 - 100 STOT SE 3; H336: >= 20 - 100		

Labelling for contents according to Regulation (EC) No 648/2004

>= 30 % aliphatic hydrocarbons.

Further Information

SVHC list: Contains none or less than 0.1% of the listed substances.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection! In all cases of doubt, or when symptoms persist, seek medical advice. Remove contaminated, saturated clothing immediately. Remove persons to safety. Keep away from unprotected people. Keep upwind. Ventilate affected area.

After inhalation

In case of inhaling spray mist, consult a doctor immediately and show him packing or label. Provide fresh air. Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration. No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator. Avoid: Dermal.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated clothing immediatley and dispose off safely. Seek medical attention if problems persist. Wash contaminated clothing

before reuse.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eyelids open. Protect the injured eye. Rinse also under the lid of the eyelid. Consult an ophthalmologist.

After ingestion

No usual way of intake because of aerosol.
Call a physician immediately. Rinse mouth thoroughly with water. Do NOT induce vomiting. Caution if victim vomits: Risk of aspiration! Medical treatment necessary. In case of spontaneous vomiting, keep the head below the waist to prevent aspiration of the product.

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

The following symptoms may occur: difficulties of breathing. eye defects. Headache. Dizziness. Dizziness. Coughing. Nausea. Gastrointestinal complaints. Skin corrosion/irritation.

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

First Aid, decontamination, treatment of symptoms. Caution if victim vomits: Risk of aspiration! Subsequent observance for pneumonia and lung oedema. Because of aspiration gastric lavage only under endotracheal intubation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO_2). Dry extinguishing powder. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes. Formation of toxic gases possible during heating and/or in case of fire.
In case of fire may be liberated: carbon monoxide (CO). Carbon dioxide (CO_2). Organic cracking products. aldehydes.
Heating causes rise in pressure with risk of bursting.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Wear full chemical protective clothing.
Stop and contain spill/release if it can be done safely. If this cannot be done, allow fire to burn under control.

Additional information

Contaminated fire-fighting water must be collected separately. Dispose of fire residues and extinguishing water in accordance with official regulations. Co-ordinate fire-fighting measures to the fire surroundings.
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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.

For non-emergency personnel

Wear personal protection equipment. Keep away from unprotected people. Keep upwind.

For emergency responders

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2. Environmental precautions

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

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

6.3. Methods and material for containment and cleaning up

For containment

Cover drains. Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Take up mechanically, placing in appropriate containers for disposal.

Other information

Ventilate affected area.

6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal. Disposal: see section 13.
Safe handling: see section 7. Personal protection equipment: see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas. Do not use in cavities. Keep away from sources of ignition - No smoking.
Flammable vapours can accumulate in steam space of closed systems.
Avoid contact with skin and eyes. Do not breathe gas/fumes/vapour/spray. Vapours / aerosols must be extracted by suction immediately at point of origin.

Advice on protection against fire and explosion

Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.
Remove all sources of ignition. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Advice on general occupational hygiene

Work in well-ventilated zones or use proper respiratory protection. Do not eat, drink, smoke or sneeze at the workplace.
Wash hands before breaks and after work. Restore grease film of the skin after cleansing by using a fat cream to prevent dermatitis.
Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes.
Take off contaminated clothing and wash it before reuse.

Further information on handling

Heating causes rise in pressure with risk of bursting.
After use replace the closing cap immediately.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.
The official regulations for the storage of compressed gas packages must be observed.
10 - 35 °C

Hints on joint storage

Do not store together with: Food and feedingstuffs, Water.

Further information on storage conditions

Protect against: heat. UV-radiation/sunlight. frost. moisture.
Heating causes rise in pressure with risk of bursting. Keep away from sources of ignition - No smoking.
Observe the storage regulations of the TRGS 300 for flammable aerosols.

7.3. Specific end use(s)

Cleaning agent. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

CAS No	Name of agent	ppm	mg/m³	fib/cm³	Category	Origin
124-38-9	Carbon dioxide	5000	9000		TWA (8 h)	

DNEL/DMEL values

CAS No	Name of agent		
DNEL type	Exposure route	Effect	Value
	hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes (EINECS 927-510-4)		
Worker DNEL, long-term	inhalation	systemic	2085 mg/m³
Worker DNEL, long-term	dermal	systemic	300 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	447 mg/m³
Consumer DNEL, long-term	dermal	systemic	149 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	149 mg/kg bw/day

Additional advice on limit values

The lists valid during the making were used as basis.

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations. Provide earthing of containers, equipment, pumps and ventilation facilities. Have eye showers and safety shower ready.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses. EN 166

Hand protection

Protect skin by using skin protective cream. Tested protective gloves are to be worn: EN ISO 374
Hand protection: Butyl rubber. NBR (Nitrile rubber).
Thickness of glove material: > 0,7 mm; penetration time (maximum wearing period): > 480 min
Breakthrough times and swelling properties of the material must be taken into consideration. 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. Observe the wear time limits as specified by the manufacturer.
Wash hands thoroughly after handling. Do not touch eyes.

Skin protection

Protective clothing: Body protection must be selected depending on the activity and possible impact.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Suitable respiratory protective equipment: EN 14387, EN 140. Type: A (for organic gases and vapors with a boiling point > 65 ° C, color code: brown).

Thermal hazards

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

Environmental exposure controls

Discharge into the environment must be avoided. Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Aerosol	
Colour:		
Odour:	like: Benzine	
Odour threshold:	not determined	
Melting point/freezing point:		Not applicable, aerosol
Boiling point or initial boiling point and boiling range:		Not applicable, aerosol
Flammability:		not determined
Lower explosion limits:		0,6 vol. %
Upper explosion limits:		7 vol. %
Flash point:		< 0 °C
Auto-ignition temperature:		> 200 °C
Decomposition temperature:		not determined
pH-Value:		not determined
Viscosity / kinematic: (at 40 °C)		< 20,5 mm²/s
Water solubility:		Immiscible
Solubility in other solvents		
not determined		
Partition coefficient n-octanol/water:		not determined
Vapour pressure: (at 20 °C)		60 hPa
Vapour pressure:		not determined
Density (at 20 °C):		0,689 g/cm³
Relative vapour density:		not determined
Particle characteristics:		not applicable

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

In use, may form flammable/explosive vapour-air mixture.

Self-ignition temperature

Solid:	not determined
Gas:	> 200 °C

Oxidizing properties

not determined

Other safety characteristics

Evaporation rate:	Other information
Solid content:	0,0 %
Viscosity / dynamic:	not determined

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

No known hazardous reactions.

10.4. Conditions to avoid

heat. UV-radiation/sunlight. frost. moisture. electrostatic discharge - Remove all sources of ignition.

10.5. Incompatible materials

Oxidizing agents, strong. Acid, concentrated. Alkalis (alkalis), concentrated.

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapors.
In case of fire may be liberated: carbon monoxide (CO). Carbon dioxide (CO2). Organic cracking products. aldehydes.

Further information

In case of exceeding the storage temperature: Danger of bursting container. >50°C

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.
Not excessively toxic.

ATEmix tested

	Dose	Species	Source
LD50, oral	> 5000 mg/kg	calculated.	Manufacturer
LD50, dermal	> 5000 mg/kg	calculated.	Manufacturer
LC50, inhalation (vapour)	> 20 mg/l	calculated.	Manufacturer
LC50, inhalation (dust/mist)	> 5 mg/l	calculated.	Manufacturer
LC50, inhalation (gas)	> 20000 ppm	calculated.	Manufacturer

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes (EINECS 927-510-4)				
	oral	LD50 > 5840 mg/kg	Rat (Rattus).	SDS	
	dermal	LD50 > 2800 - 3100 mg/kg	Rat	Study report (1977)	The acute toxicity of SBP 100/140 was de
	inhalation (4 h) vapour	LC50 > 23,3 mg/l	Rat	Study report (1988)	OECD Guideline 403
	inhalation (4 h) dust/mist	LC50 > 25,2 mg/l	Rat (Rattus).	SDS	

Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.
Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.
Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

May cause drowsiness or dizziness. (hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes (EINECS 927-510-4))

STOT-repeated exposure

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

Aspiration hazard

May be fatal if swallowed and enters airways.

The labeling of an aspiration hazard (Asp. Tox. 1 H304) is for aerosol dispensers and containers with sealed sprayer not required (Regulation (EC) 1272/2008, Annex 1, 1.3.3).

11.2. Information on other hazards

Endocrine disrupting properties

No further relevant information available.

SECTION 12: Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

Leakage into the environment must be prevented.

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] | [d]	Species	Source	Method
	hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes (EINECS 927-510-4)						
	Acute algae toxicity	ErC50	12 mg/l	72 h	Pseudokirchneriella subcapitata	SIDS Initial Assessment Report For SIAM	OECD Guideline 201
	Fish toxicity	NOEC mg/l	1,534	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC	1 mg/l	21 d	Daphnia magna	SIDS Initial Assessment Report For SIAM	OECD Guideline 211

12.2. Persistence and degradability

No data available

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
	hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes (EINECS 927-510-4)			
	OECD 301F	98 %	28	Shell 1997
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

No further relevant information available.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
74-98-6	propane	2,36
106-97-8	Butane (<0.1% butadiene (EINECS 203-450-8))	2,89
75-28-5	Isobutane (<0.1% 1,3-butadiene (EINECS 203-450-8))	2,8

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to 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 further relevant information available.

Further information

Doesn't get into the sewage water as long as the process is carried out according to regulations.
Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.
hazardous to water (WGK 2)

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Consult the appropriate authorities about waste disposal. Dispose of waste according to applicable legislation. Must not be disposed together with household garbage. Do not allow to enter into surface water or drains. Return cans that are not completely empty to the collection point for household chemicals. Caution: Residues in the containers may pose an explosion hazard. Do not cut, puncture or weld uncleaned containers.

List of Wastes Code - residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

List of Wastes Code - used product

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

Contaminated packaging

Only take completely empty aerosol cans to the recycling collection. Recycle sales packaging via DSD (Duales System Deutschland).

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	UN 1950
14.2. UN proper shipping name:	AEROSOLS | ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es):	2
14.4. Packing group:	-
Hazard label:	2.1

Classification code:	5F
Special Provisions:	190 327 344 625
Limited quantity:	1 L
Excepted quantity:	E0
Transport category:	2
Tunnel restriction code:	D

Inland waterways transport (ADN)

14.1. UN number or ID number:	UN 1950
14.2. UN proper shipping name:	AEROSOLS | ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es):	2

14.4. Packing group: -

Hazard label: 2.1

Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L

Excepted quantity: E0

Marine transport (IMDG)

14.1. UN number or ID number: UN 1950

14.2. UN proper shipping name: AEROSOLS (Solvent Naphtha), MARINE POLLUTANT

14.3. Transport hazard class(es): 2.1

14.4. Packing group: -

Hazard label: 2.1

Marine pollutant: Ja

Special Provisions: 63, 190, 277, 327, 344, 381,959

Limited quantity: 1000 mL

Excepted quantity: E0

EmS: F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1950

14.2. UN proper shipping name: AEROSOLS, flammable (MARINE POLLUTANT)

14.3. Transport hazard class(es): 2.1

14.4. Packing group: -

Hazard label: 2.1

Special Provisions: A145 A167 A802

Limited quantity Passenger: 30 kg G

Passenger LQ: Y203

Excepted quantity: E0

IATA-packing instructions - Passenger: 203

IATA-max. quantity - Passenger: 75 kg

IATA-packing instructions - Cargo: 203

IATA-max. quantity - Cargo: 150 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes

Danger releasing substance: Solvent Naphtha

14.6. Special precautions for user

Warning: (ENVIRONMENTALLY HAZARDOUS.) Extremely flammable aerosol. Pressurized container: May burst if heated. Keep away from sources of ignition - No smoking. Explosion risk.

14.7. Maritime transport in bulk according to IMO instruments

No data available

Other applicable information

Transport as "limited quantity" according to chapter 3.4 ADR/RID.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40

Directive 2004/42/EC on VOC in paints and varnishes:	ca. 665,9 g/L
Information according to Directive 2012/18/EU (SEVESO III):	P3a FLAMMABLE AEROSOLS
Additional information:	E2

Additional information

REACH Regulation (EC) No 1907/2006, as last amended by Commission Regulation (EU) 2024/1328.
CLP Regulation (EC) No 1272/2008, as last amended by Regulation (EU) 2024/2865.
In the following under "NK" all volatile organic substances are quantitatively summed up, which according to chapter 5.2.5 of the TA-Luft are neither Class I nor Class II.

National regulatory information

Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Water hazard class (D):	2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

Flam. Gas 1: Flammable gases, hazard category 1
Aerosol 1: Aerosols, hazard category 1
Press. Gas (Comp.): Gases under pressure: Compressed gas
Press. Gas (Ref. Liq.): Gases under pressure: Refrigerated liquefied gas
Flam. Liq. 2: Flammable liquids, hazard category 2
Asp. Tox. 1: Aspiration hazard, hazard category 1
Skin Irrit. 2: Skin irritation, hazard category 2
STOT SE 3: Specific target organ toxicity - single exposure, hazard category 3
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard category: Chronic 2
For abbreviations and acronyms, see table at http://abbrev.esdscom.eu
ADR: Accord européen sur le transport des marchandises dangereuses par Route (Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Straße) IMDG: International Maritime Code for Dangerous Goods (Internationaler Seeschifffahrtscode für gefährliche Güter) IATA: International Air Transport Association (Internationaler Luftverkehrsverband) GHS: Global harmonisiertes System zur Einstufung und Kennzeichnung von Chemikalien EINECS: Europäisches Verzeichnis der auf dem Markt vorhandenen chemischen Stoffe ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service LC50: Tödliche Konzentration, 50% LD50: Tödliche Dosis, 50%

Key literature references and sources for data

Information from our suppliers as well as data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used for the preparation of this safety data sheet. Other sources:
Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP) as amended.
Guidance on the compilation of safety data sheets as amended (ECHA).

Guidance on labelling and packaging under Regulation (EC) No 1272/2008 (CLP) as amended (ECHA).
Safety data sheets of the ingredients.
ECHA homepage - Information on chemicals.
GESTIS substance database (Germany).
Federal Environment Agency "Rigoletto" - Information page on water-polluting substances (Germany).
EU occupational exposure limit values Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164, (EU) 2019/1831 as amended.
National occupational exposure limit value lists of the respective countries in the respective valid version.
Regulations on the transport of dangerous goods by road, rail, sea and air (ADR, RID, IMDG, IATA) as amended.

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Aerosol 1; H222-H229	On basis of test data
Skin Irrit. 2; H315	Bridging principle "Aerosols"
STOT SE 3; H336	Bridging principle "Aerosols"
Asp. Tox. 1; H304	Calculation method
Aquatic Chronic 2; H411	Calculation method

Relevant H and EUH statements (number and full text)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H281	Contains refrigerated gas; may cause cryogenic burns or injury.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations. This information is intended to give you indications for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The details are not transferable to other products. Insofar as the product is mixed with other materials, mixed or processed, or subjected to processing, the information in this safety data sheet, unless expressly stated otherwise, can not be transferred to the new material produced in this way.

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	, Industrial spraying, Non industrial spraying	-	3, 22	35	7, 11	-	-	-	Aerosol

LCS: Life cycle stages
SU: Sectors of use
PC: Product categories
PROC: Process categories
ERC: Environmental release categories
AC: Article categories
TF: Technical functions

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)