SAFETY DATA SHEET ACCORDING TO REGULATION (EC) 1907/2006

Product name: Scholl Shoe Spray

Creation date: 21.02.2023, Revision: 21.02.2023, version: 1.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name
Scholl Shoe Spray

Product code
[D8182488 v 5.0
FF8138553 v 2.0]

https://my.chemius.net/p/zq9iPN/en/pd/en

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

Relevant identified uses
Shoe spray. Consumer use.

Uses advised against
No information.

1.3 Details of the supplier of the safety data sheet

Supplier
Scholl's Wellness Company Limited
2 Arlington Square, Downshire Way, Bracknell
RG12 1WA Berkshire, United Kingdom
0204 551 6060
uk_care@scholl.com

1.4 Emergency Telephone Number

Emergency
112

Supplier
0204 551 6060

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)
Aerosol 1; H222 Extremely flammable aerosol.
Aerosol 1; H229 Pressurised container: May burst if heated.
Eye Irrit. 2; H319 Causes serious eye irritation.

2.2 Label elements

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



Signal word: Danger

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H319 Causes serious eye irritation.
EUH208 Contains 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one. May produce an allergic reaction.
P101 If medical advice is needed, have product container or label at hand.
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.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410 + P412 Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122°F.

Special provisions

Use only as directed.

2.3 Other hazards

PBT/vPvB

No information.

Endocrine disrupting properties

No information.

Additional information

The substances in the mixture are not classified as persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

For mixtures see 3.2.

3.2 Mixtures

Name	CAS EC Index Reach	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Conc. Limits	Notes for substances
ethanol	64-17-5 200-578-6 603-002-00-5 01-2119457610-43	≥50 - ≤75	Flam. Liq. 2; H225 Eye Irrit. 2; H319	/	/
isobutane	75-28-5 200-857-2 601-004-00-0 01-2119485395-27	≥10 - ≤25	Flam. Gas 1A; H220 Press. Gas (Comp.); H280	/	C, U
butane	106-97-8 203-448-7 601-004-00-0 01-2119474691-32	≥10 - ≤25	Flam. Gas 1A; H220 Press. Gas (Comp.); H280	/	C
propane	74-98-6 200-827-9 601-003-00-5 01-2119486944-21	≤10	Flam. Gas 1A; H220 Press. Gas (Comp.); H280	/	/

1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	54464-57-2 259-174-3 -	<0,25	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Chronic 1; H410; M = 1	/	/

Notes for substances

C	Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
U	When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned: Press. Gas (Comp.) Press. Gas (Liq.) Press. Gas (Ref. Liq.) Press. Gas (Diss.) Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).

Product description

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General notes

When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician. Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Following inhalation

Remove patient to fresh air - move out of dangerous area. Keep at rest in a position comfortable for breathing. If symptoms develop and persist, seek medical attention. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. In case of unconsciousness bring patient into stable side position and seek medical attention. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt.

Following skin contact

Take off all contaminated clothing. Wash affected skin areas immediately with plenty of water and soap. If symptoms develop and persist, seek medical attention. Wash contaminated clothes and shoes before reuse.

Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. Remove contact lenses, if present and easy to do. If irritation persists, seek professional medical attention.

Following ingestion

Not likely. Accidental ingestion: Rinse mouth thoroughly with water. Remove dental prosthesis if present. Move exposed person to fresh air and keep at rest in a position comfortable for breathing. If the person is conscious, let him/her drink a small amount of water. The affected person should stop drinking water if he/she feels sick, because of risk of vomiting. Induce vomiting only if indicated by the doctor. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Loosen tight clothing such as a collar, tie, belt or waistband. Maintain an open airway. Immediately consult a doctor. Show the physician the safety data sheet or label.

4.2 Most important symptoms and effects, both acute and delayed

Following inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation. Coughing, sneezing, nasal discharge, labored breathing.

Following skin contact

Contact with skin may cause irritation (redness, itching). May cause sensitisation by skin contact (symptoms: itching, redness, rashes).

Following eye contact

Contact with eyes can cause irritation (redness, tearing, pain).

Following ingestion

Accidental ingestion: May cause nausea/vomiting and diarrhea. May cause abdominal discomfort. May cause irritation of the digestive tract.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Contact a poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

Not available.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of a fire toxic gases can be generated; do not inhale gases/smoke. In the event of fire the following can be generated: carbon monoxide (CO), carbon dioxide (CO_2).

5.3 Advice for firefighters

Protective actions

In case of fire or heating do not breathe fumes/vapours. No action shall be taken involving any personal risk or without suitable training. Extremely flammable. Container is under pressure. Vapours can accumulate in closed spaces, travel very far to the source of ignition and then cause fire. The flame travels back to the origin. Leakage into sewers causes fire or explosion. In case of fire evacuate the area. In case of fire aerosols can explode and be propelled to considerable distances in different directions. Prolonged heating can cause an explosion. Cool the endangered containers with water spray. Move undamaged containers from immediate hazard area if it can be done safely.

Special protective equipment for fire-fighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137).

Additional information

No information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment

Use personal protective equipment (Section 8).

Precautionary measures

Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking!

Emergency procedures

No action shall be taken involving any personal risk or without suitable training. Evacuate personnel and ventilate the premises. Prevent access to unauthorised personnel. Prevent access to unprotected personnel. Do not touch or walk through spilt material. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not breathe vapour or mist.

For emergency responders

Use personal protective equipment. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

The product is an aerosol, which is why leakage of large amounts of product is not expected. Do not allow product to reach water/drains/sewage systems or permeable soil. In case of release into the environment, inform the relevant authorities.

6.3 Methods and material for containment and cleaning up

For containment

Stem the spill if this does not pose risks.

For cleaning up

Use only explosion-proof instruments and equipment. Use spark-proof tools. Ventilate the premises. Collect the spray cans and hand them over to an authorized waste disposal contractor. Move containers from spill area. Small spill: Dilute with plenty of water. Wipe with inert material (clout). Release of liquid because of damaged aerosol can (release of large quantities): Approach the spill from upwind. Wash spillages into an effluent treatment plant or proceed as follows: Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Prevent release into the sewer, water, basements or confined areas. Contaminated absorbent material may pose the same hazard as the spilt product.

OTHER INFORMATION

See Section 1 for contact information in case of emergency.

6.4 Reference to other sections

See also sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures

Measures to prevent fire

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Pressurized container; protect from sunlight and do not expose to tempratures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or incandescent material. Use spark-proof tools. Use explosively safe equipment (ventilators, lighting, working instruments and devices,...); Empty containers can also be dangerous, because of residues of the product.

Measures to prevent aerosol and dust generation

Ensure good ventilation and extraction.

Measures to protect the environment

No information.

Other measures

No information.

Advice on general occupational hygiene

Wear suitable protective equipment; see Section 8. Use only in well-ventilated areas. In case of insufficient ventilation, wear suitable respiratory protection equipment. Use good personal hygiene practices – wash hands at breaks and when done working with material. Avoid contact with skin, eyes and clothes. Do not eat, drink or smoke while working. Remove

contaminated clothes and wash them before reuse. Before entering areas where food is eaten, remove contaminated clothing and protective equipment. Do not ingest the product.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Follow safe storage practices for packed compressed gas as described by the Compressed Gas Association or the relevant agency in the country where the product is used. Keep in a cool, dry and well ventilated place. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Protect from direct sunlight. Keep away from sources of ignition - no smoking.

Packaging materials

The original container of producer.

Requirements for storage rooms and vessels

Keep the packaging tightly closed and sealed until use. Close opened containers after use. Put the containers upright to prevent from leaking. Use appropriate container to avoid environmental contamination. Do not store in unlabelled containers.

Storage class

No information.

Further information on storage conditions

No information.

7.3 Specific end use(s)

Recommendations

No information.

Industrial sector specific solutions

No information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure limit values

Name	mg/m³	ml/m³	Short-term value mg/m³	Short-term value ml/m³	Remark	Biological Tolerance Values
Butane (106-97-8)	1450	600	1810	750	Carc, (only applies if Butane contains more than 0.1% of buta-1,3-diene)	/
Ethanol (64-17-5)	1920	1000	/	/	/	/

Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

DNEL/DMEL values

For product

No information.

For components

Name	Type	Exposure route	exp. frequency	Remark	value
ethanol	Worker	dermal	long term systemic effects	/	343 mg/kg bw/day
ethanol	Worker	inhalation	long term systemic effects	/	950 mg/m³

ethanol	Consumer	inhalation	long term systemic effects	/	114 mg/m³
ethanol	Consumer	dermal	long term systemic effects	/	206 mg/kg bw/day
ethanol	Consumer	oral	long term systemic effects	/	87 mg/kg bw/day

PNEC values

For product

No information.

For components

Name	Exposure route	Remark	value
ethanol	marine water	/	0.79 mg/L
ethanol	fresh water	/	0.96 mg/L
ethanol	fresh water sediment	dry weight	3.6 mg/kg
ethanol	marine water sediment	dry weight	2.9 mg/kg
ethanol	soil	dry weight	0.63 mg/kg
ethanol	water, intermittent release	fresh water	2.75 mg/L
ethanol	water treatment plant	/	580 mg/L
ethanol	food chain	oral	0.38 mg/kg feed

8.2 Exposure controls

Appropriate engineering control

Substance/mixture related measures to prevent exposure during identified uses

Handle in accordance with good industrial hygiene and safety practice. Use good personal hygiene practices – wash hands at breaks and when done working with material. Use only in adequate ventilated premises. Wash hands, forearms and face thoroughly after use, before eating, drinking, smoking or using the toilet. Avoid contact with skin, eyes and clothes. Keep away from foodstuffs, beverages and feed. Do not eat, drink or smoke while working. The personal protective equipment is required only for professional use or for large packs (not for domestic packages). For consumer use, please follow the recommendations appearing on the product label. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

Structural measures to prevent exposure

No information.

Organisational measures to prevent exposure

Refer to and observe the following standards including national regulations: EN 689, EN 14042, EN 482. Appropriate techniques should be used to remove potentially contaminated clothing. Remove all contaminated clothes immediately and wash them before reuse. Ensure that eyewash stations and safety showers are close to the workstation location.

Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration. Ensure adequate built-in automatic control devices which ensure that the concentrations of gas, vapor or dust are below any lower explosive limits. Ventilation equipment must be explosion-proof. If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Personal protective equipment

Eye and face protection

No requirements under normal use conditions. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. Safety glasses with side protection (EN 166).

Hand protection

If needed wear safety gloves. Protective gloves (EN 374). Considering the parameters specified by the glove manufacturer, checks during use should be carried out to ensure the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. The product is a preparation of several substances, the resistance of glove materials cannot be predicted and must therefore be checked before use.

Appropriate materials

Skin protection

Personal protective equipment for the body and suitable footwear should be chosen according to the task to be performed and the risks involved and it is recommended that it be validated by a specialist before handling the product. Protective antistatic clothing EN 1149 (1:2006, 2:1998 and 3:2004, 5:2008), protective antistatic shoes (EN 20345:2012).

Respiratory protection

Not needed under normal use and adequate ventilation. In case of insufficient ventilation wear suitable respiratory protection. Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. At elevated concentrations of vapours/aerosols in the air wear a mask (EN 140) with filter A2-P2 (EN 14387). 'High/elevated concentrations' means that the occupational exposure limit values have been exceeded.

Thermal hazards

No information.

Environmental exposure controls

Substance/mixture related measures to prevent exposure

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards. In order to maintain emissions at acceptable rates if necessary to equip the manufacturing material with air purifier or filter, or by technical change.

Instruction measures to prevent exposure

No information.

Organisational measures to prevent exposure

No information.

Technical measures to prevent exposure

No information.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state

liquid

Colour

No information.

Odour

No information.

Important health, safety and environmental information

Odour threshold	No information.
Melting point/Freezing point	No information.
Boiling point or initial boiling point and boiling range	< 34 °C
Flammability	No information.
Lower and upper explosion limit	No information.
Flash point	< 0 °C
Auto-ignition temperature	No information.
Decomposition temperature	No information.
pH	No information.
Viscosity	No information.
Solubility	No information.
Partition coefficient	No information.
Vapour pressure	No information.
Density and/or relative density	No information.
Relative vapour density	No information.
Particle characteristics	No information.

9.2 OTHER INFORMATION

Explosive properties	No information.

Other information

Heat of combustion: 32,88 kJ/g.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended transport or storage conditions. Extremely flammable aerosol.

10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

The product is stable under recommended storage and handling conditions. Vapours and air can form flammable or explosive mixtures.

10.4 Conditions to avoid

Protect from heat, direct sunlight, open fire, sparks. Avoid contact with incompatible materials.

10.5 Incompatible materials

Oxidants.

10.6 Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released. Carbon dioxide; Carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

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

(a) Acute toxicity

For components

Name	Exposure route	Type	Species	Time	value	Method	Remark
ethanol	oral	LD_{50}	rat	/	7000 mg/kg	/	/
ethanol	inhalation (vapours)	LC_{50}	rat	4 h	124.7 mg/l	/	/
isobutane	inhalation (vapours)	LC_{50}	rat	4 h	658000 mg/m^3	/	/
butane	inhalation (vapors)	LC50	rat	4 h	658 mg/l	/	/

Additional information

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

(b) Skin corrosion/irritation

For components

Name	Species	Time	result	Method	Remark
ethanol	rabbit	/	Mild irritating.	/	400 mg

ethanol	rabbit	24 h	Moderately irritating.	/	20 mg

Additional information

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

(c) Serious eye damage/irritation

For components

Name	Exposure route	Species	Time	result	Method	Remark
ethanol	/	rabbit	/	Moderately irritating.	/	100 mg; 0,067 min
ethanol	/	rabbit	24 h	Mild irritating.	/	500 mg
ethanol	/	rabbit	/	Moderately irritating.	/	100 µl
ethanol	/	rabbit	/	Severe irritation.	/	500 mg

Additional information

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

(d) Respiratory or skin sensitisation

No information.

Additional information

It contains at least one ingredient that can cause sensitisation. Can cause allergic reaction.

(e) (Germ cell) mutagenicity

No information.

(f) Carcinogenicity

No information.

(g) Reproductive toxicity

No information.

Summary of evaluation of the CMR properties

No information.

(h) STOT-single exposure

No information.

Additional information

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

(i) STOT-repeated exposure

No information.

Additional information

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

(j) Aspiration hazard

No information.

Additional information

Aspiration hazard: based on available data, the classification criteria are not met.

Symptoms related to the physical, chemical and toxicological characteristics

No information.

Interactive effects

No information.

11.2 Information on other hazards

Endocrine disrupting properties

No information.

Other information

No information.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acute (short-term) toxicity

For components

Name	Type	value	Exposure time	Species	organism	Method	Remark
ethanol	EC_{50}	17.921 mg/L	96 h	algae	*Ulva pertusa*	/	sea water
ethanol	EC_{50}	2 mg/L	48 h	crustacea	*Daphnia magna*	/	fresh water
ethanol	LC_{50}	25.5 mg/L	48 h	crustacea	*Artemia franciscana*	/	marine water, larvae
ethanol	LC_{50}	11000 mg/L	96 h	fish	*Alburnus alburnus*	/	sea water

Chronic (long-term) toxicity

For components

Name	Type	value	Exposure time	Species	organism	Method	Remark
ethanol	NOEC	4.995 mg/l	96 h	algae	*Ulva pertusa*	/	marine water
ethanol	NOEC	100 µL/L	21 days	crustaceans	*Daphnia magna*	/	fresh water, neonate

12.2 Persistence and degradability

Abiotic degradation, physical- and photo-chemical elimination

No information.

Biodegradation

No information.

12.3 Bioaccumulative potential

Partition coefficient

For components

Name	Media	value	Temperature °C	pH	Concentration	Method
ethanol	Log Pow	-0.35	/	/	/	/
isobutane	Log Pow	2.8	/	/	/	/
butane	Log Pow	2.89	/	/	/	/
propane	Log Pow	1.09	/	/	/	/

Bioconcentration factor (BCF)

For components

Name	Species	organism	value	Duration	Evaluation	Method	Remark
ethanol	/	/	/	/	Low bioaccumulation potential.	/	/
isobutane	bioaccumulation	/	/	/	Low bioaccumulation potential.	/	/
butane	bioaccumulation	/	/	/	Low bioaccumulation potential.	/	/
propane	bioaccumulation	/	/	/	Low bioaccumulation potential.	/	/

12.4 Mobility in soil

Known or predicted distribution to environmental compartments

No information.

Surface tension

No information.

Adsorption/Desorption

No information.

12.5 Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6 Endocrine disrupting properties

No information.

12.7 Other adverse effects

No information.

12.8 Additional information

For product

Product is not classified as dangerous for environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product / Packaging disposal

Waste chemical

The generation of waste should be avoided or minimised wherever possible. Dispose of in accordance with applicable waste disposal regulation. Product and container must be disposed of safely. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional or local authority requirements. Waste is classified as hazardous waste. Do not allow product to reach drains/sewage systems. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Recycle or dispose according to official regulations: to leave it to authorized collector/remover/transformer of hazardous waste.

Waste codes / waste designations according to LoW

No information.

Packaging

Dispose of in accordance with applicable waste disposal regulation. The generation of waste should be avoided or minimised wherever possible. Recycle if possible. Incineration or disposal at collection points only if recycling is not possible. Empty containers or liners may contain product residues. Pressurized container. Do not pierce or burn, even after use. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Deliver completely emptied containers to approved waste disposal authorities.

Waste codes / waste designations according to LoW

No information.

Waste treatment-relevant information

No information.

Sewage disposal-relevant information

No information.

Other disposal recommendations

No information.

SECTION 14: TRANSPORT INFORMATION

ADR/RID	IMDG	IATA	ADN
14.1 UN number or ID number			
UN 1950	UN 1950	UN 1950	UN 1950
14.2 UN proper shipping name			
AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS
14.3 Transport hazard class(es)			
2	2	2	2
			
14.4 Packing group			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.5 Environmental hazards			
NO	NO	NO	NO
14.6 Special precautions for user			
Limited quantities 1 L Special provisions 190, 327, 344, 625 Packing Instructions P207, LP200 Special packing provisions PP87, RR6, L2 Transport category 2 Tunnel restriction code (D)	Limited quantities 1 L EmS F-D, S-U Flash point 0 °C	Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst) Y203 Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg) 30 kg G Packing Instructions (Pkg Inst) 203 Maximum Net Quantity/Package (Max Net Qty/Pkg) 25 kg Special provisions A145, A167, A802	Limited quantities 1 L
14.7 Maritime transport in bulk according to IMO instruments			
	Goods may not be carried in bulk in bulk containers, containers or vehicles.		

SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2020/878)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)
not applicable

Regulation EC 648/2004 on detergents
No information.

Special instructions
Seveso III, P3a: flammable aerosols. List of substances subject to authorisation (REACH, Annex XIV): none. It does not contain substances that are subjected to the REACH Annex XVII restrictions. Ozone depleting substances

(1005/2009/EU): Not listed. Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals: none listed.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for the mixture itself.

SECTION 16: OTHER INFORMATION

Indication of changes

No information.

Key literature references and sources for data

No information.

Abbreviations and acronyms

ATE - Acute Toxicity Estimate
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
CEN - European Committee for Standardisation
C&L - Classification and Labelling
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CAS# - Chemical Abstracts Service number
CMR - Carcinogen, Mutagen, or Reproductive Toxicant
CSA - Chemical Safety Assessment
CSR - Chemical Safety Report
DMEL - Derived Minimal Effect Level
DNEL - Derived No Effect Level
DPD - Dangerous Preparations Directive 1999/45/EC
DSD - Dangerous Substances Directive 67/548/EEC
DU - Downstream User
EC - European Community
ECHA - European Chemicals Agency
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)
EEC - European Economic Community
EINECS - European Inventory of Existing Commercial Substances
ELINCS - European List of notified Chemical Substances
EN - European Standard
EQS - Environmental Quality Standard
EU - European Union
Euphrac - European Phrase Catalogue
EWC - European Waste Catalogue (replaced by LoW – see below)
GES - Generic Exposure Scenario
GHS - Globally Harmonized System
IATA - International Air Transport Association
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG - International Maritime Dangerous Goods
IMSBC - International Maritime Solid Bulk Cargoes
IT - Information Technology
IUCLID - International Uniform Chemical Information Database
IUPAC - International Union for Pure Applied Chemistry
JRC - Joint Research Centre
Kow - octanol-water partition coefficient
LC50 - Lethal Concentration to 50 % of a test population
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)
LE - Legal Entity
LoW - List of Wastes (see http://ec.europa.eu/environment/waste/framework/list.htm)
LR - Lead Registrant
M/I - Manufacturer / Importer
MS - Member States
MSDS - Material Safety Data Sheet

OC - Operational Conditions
OECD - Organization for Economic Co-operation and Development
OEL - Occupational Exposure Limit
OJ - Official Journal
OR - Only Representative
OSHA - European Agency for Safety and Health at work
PBT - Persistent, Bioaccumulative and Toxic substance
PEC - Predicted Effect Concentration
PNEC(s) - Predicted No Effect Concentration(s)
PPE - Personal Protection Equipment
(Q)SAR - Qualitative Structure Activity Relationship
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
RIP - REACH Implementation Project
RMM - Risk Management Measure
SCBA - Self-Contained Breathing Apparatus
SDS - Safety data sheet
SIEF - Substance Information Exchange Forum
SME - Small and Medium sized Enterprises
STOT - Specific Target Organ Toxicity
(STOT) RE - Repeated Exposure
(STOT) SE - Single Exposure
SVHC - Substances of Very High Concern
UN - United Nations
vPvB - Very Persistent and Very Bioaccumulative

List of relevant H phrases

H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H410 Very toxic to aquatic life with long lasting effects.



- ☑ Provided correct labelling of the product
- ☑ Compliance with the local legislation
- ☑ Provided correct classification of the product
- ☑ Provided adequate transport data

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The information of this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.