

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

**Product name: Vaselinespray**

**Creation date: 11.10.2021, Revision: 17.07.2023, version: 3.2**



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

### 1.1 Product identifier

Product name  
Vaselinespray



<https://my.chemius.net/p/43v7IF/en/pd/en>

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

Relevant identified uses  
Lubricant.

Uses advised against  
No information.

### 1.3 Details of the supplier of the safety data sheet

Supplier  
Peter Kwasny GmbH  
Heilbronner Str. 96  
D-74831 Gundelsheim, Germany  
049-(0)6269-95-20  
labor@kwasny.de

### 1.4 Emergency Telephone Number

Emergency  
112

Supplier  
+49 6269 95 20

## 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.  
Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.  
STOT SE 3; H335 May cause respiratory irritation.  
STOT SE 3; H336 May cause drowsiness or dizziness.  
Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.

### 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.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

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.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P391 Collect spillage.

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

**Contains:**

hydrocarbons, C9, aromatics

**2.3 Other hazards****PBT/vPvB**

No information.

**Endocrine disrupting properties**

No information.

**Additional information**

No information.

**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 Concentration Limits	Notes for substances
isobutane	75-28-5 200-857-2 601-004-00-0 01-2119485395-27	25-50	Flam. Gas 1; H220 Press. Gas; H280	/	C, U
hydrocarbons, C9, aromatics	- 918-668-5 - 01-2119455851-35	25-50	Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H335 STOT SE 3; H336 Aquatic Chronic 2; H411	/	/
propane	74-98-6 200-827-9 601-003-00-5 01-2119486944-21	10-25	Flam. Gas 1; H220 Press. Gas; H280	/	U
hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	- 918-481-9 - 01-2119457273-39	2,5-10	Asp. Tox. 1; H304 EUH066	/	/

## 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

Hydrocarbons with a propellant.

## SECTION 4: FIRST AID MEASURES

## 4.1 Description of first aid measures

## General notes

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). 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.

## 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 breathing is irregular or respiratory arrest occurs provide artificial respiration. Seek medical help immediately. In case of unconsciousness bring patient into stable side position and seek medical attention.

## Following skin contact

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed immediately with plenty of running water. 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. If irritation persists, seek professional medical attention.

## Following ingestion

Not likely. Accidental ingestion: Do not induce vomiting without prior consultation with a doctor. 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

Can cause irritation of respiratory system. Coughing, sneezing, nasal discharge, labored breathing. Vapours may cause drowsiness and dizziness.

## Following skin contact

Contact with skin may cause irritation (redness, itching).

## Following eye contact

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

## Following ingestion

Ingestion is unlikely because it is an aerosol. Accidental ingestion: May cause abdominal discomfort. May cause nausea/vomiting and diarrhea. Irritates mucous membranes in the mouth, throat, esophagus and in gastrointestinal area. May be fatal if swallowed and enters airways.

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

Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

Water spray.

Foam.

Carbon dioxide (CO<sub>2</sub>).

Fire extinguishing powder. Extinguish large fires with water spray or alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable extinguishing media

Full water jet.

### 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<sub>2</sub>).

### 5.3 Advice for firefighters

#### Protective actions

In case of fire or heating do not breathe fumes/vapours. Cool containers at risk with water spray. If possible remove containers from endangered area. In case of fire aerosols can explode and be propelled to considerable distances in different directions. No action shall be taken involving any personal risk or without suitable training.

#### 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

Contaminated extinguishing agents must be disposed of in accordance with the regulations; do not allow to reach the sewage system.

## 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

Prevent access to unauthorised personnel. Prevent access to unprotected personnel. Avoid contact with skin and eyes. Do not breathe vapour or mist.

#### For emergency responders

Use personal protective equipment.

### 6.2 Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. If accidental large entry into water or ground occurs, inform responsible 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

Collect the spray cans and hand them over to an authorized waste disposal contractor. Release of liquid because of damaged aerosol can (release of large quantities): Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Do not absorb spillage with sawdust or other combustible material. Dispose in accordance with applicable regulations (see Section 13).

#### OTHER INFORMATION

See Section 7: safe handling.

### 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. Take precautionary measures against static discharges. Keep away from sources of ignition - no smoking. Use spark-proof tools. Pressurized container; protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or incandescent material.

##### Measures to prevent aerosol and dust generation

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

##### Measures to protect the environment

Avoid release to the environment. Do not discharge into drains, surface water and soil. After use immediately close container tightly.

##### Other measures

No information.

##### Advice on general occupational hygiene

Consider measures required in Section 8 of this safety data sheet. Wear suitable protective equipment; see Section 8. Refer to instructions on label and regulations for safety and health at work. Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Avoid contact with skin, eyes and clothes. Do not breathe vapours/mist.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Store in accordance with local regulations. Keep in well closed containers. Keep in cool and well ventilated area. Protect from open fire, heat and direct sunlight. Keep away from sources of ignition. Keep away from oxidising substances. Keep away from food, drink and animal feeding stuffs.

#### Packaging materials

The original container of producer.

#### Requirements for storage rooms and vessels

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/m <sup>3</sup>	ml/m <sup>3</sup>	Short-term value mg/m <sup>3</sup>	Short-term value ml/m <sup>3</sup>	Remark	Biological Tolerance Values
Aromatics	500	/	/	/	/	/
Normal and branched chain alkanes ≥C7	1200	/	/	/	/	/

#### 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
hydrocarbons, C9, aromatics	Worker	inhalation	long term systemic effects	/	150 mg/m <sup>3</sup>
hydrocarbons, C9, aromatics	Worker	dermal	long term systemic effects	/	25 mg/kg bw/day
hydrocarbons, C9, aromatics	Consumer	inhalation	long term systemic effects	/	32 mg/m <sup>3</sup>
hydrocarbons, C9, aromatics	Consumer	dermal	long term systemic effects	/	11 mg/kg bw/day
hydrocarbons, C9, aromatics	Consumer	oral	long term systemic effects	/	11 mg/kg bw/day

#### PNEC values

##### For product

No information.

##### For components

No information.

### 8.2 Exposure controls

#### Appropriate engineering control

##### Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Avoid contact with skin, eyes and clothes. Do not breathe vapours/aerosols. Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation.

##### Structural measures to prevent exposure

No information.

##### Organisational measures to prevent exposure

If this product contains ingredients with exposure limits, personal, workplace atmosphere monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protection.

##### Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration. Keep away from food, drink and animal feeding stuffs.

#### Personal protective equipment

##### Eye and face protection

If there is a risk of eye contact use safety glasses. Safety glasses with side protection (BS EN ISO 16321-1:2022).

##### Hand protection

Protective gloves (BS EN ISO 374). The product consists of various substances, therefore the resistance of gloves can not be calculated and has to be tested before use.

#### Appropriate materials

##### Skin protection

Cotton protective clothing and shoes that cover the entire foot (BS EN ISO 20345:2022). Protective antistatic clothing EN 1149 (1:2006, 2:1998 and 3:2004, 5:2008), protective antistatic shoes (EN 20345:2012). Choose body protection according to the activity and possible exposure.

##### Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. If the concentration limit values are exceeded, it is necessary to wear appropriate respiratory protection. Wear suitable protective breathing mask (BS EN 136) with filter A2-P2 (BS EN 14387). For dust/gas/ vapor concentrations above the applicable filter limit, in case of oxygen concentrations below 17% or in vague conditions, autonomous self-contained breathing apparatus should be used, according to standard BS EN 137, BS EN 138.

##### Thermal hazards

No information.

#### Environmental exposure controls

##### Substance/mixture related measures to prevent exposure

No information.

##### Instruction measures to prevent exposure

No information.

##### Organisational measures to prevent exposure

No information.

##### Technical measures to prevent exposure

Prevent release into in the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### Physical state

liquid - aerosol

#### Colour

according to specification colourless

#### 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	No information.
Flammability	No information.
Lower and upper explosion limit	1.5 — 10.9 vol % (propellant)
Flash point	No information.
Auto-ignition temperature	No information.
Decomposition temperature	No information.
pH	No information.
Viscosity	No information.
Solubility	No information.
Partition coefficient	No information.

Vapour pressure	< 0.01 hPa (Component: Vaseline white)
Density and/or relative density	Density: 0.852 kg/L at 20 °C (data refers to the liquid portion of the product)
Relative vapour density	No information.
Particle characteristics	No information.

## 9.2 OTHER INFORMATION

Weight organic solvents	523 g/l (VOC) 75 % (VOC)
Explosive properties	No information.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under recommended transport or storage conditions.

### 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.

### 10.4 Conditions to avoid

Avoid all possible sources of ignition (spark or flame). Do not expose to heat and direct sunlight.

### 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
hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	oral	LD <sub>50</sub>	rat	/	> 5000 mg/kg	/	/



hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	dermal	LD <sub>50</sub>	rabbit	/	> 5000 mg/kg	/	/
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**Additional information**

The product is not classified as acutely toxic.

**(b) Skin corrosion/irritation****For components**

Name	Species	Time	result	Method	Remark
hydrocarbons, C9, aromatics	/	/	Dry skin.	/	/
hydrocarbons, C9, aromatics	/	/	Prolonged and repeated contact can cause dermatitis.	/	/

**Additional information**

The product is not classified as irritating to the skin.

**(c) Serious eye damage/irritation****For components**

Name	Exposure route	Species	Time	result	Method	Remark
hydrocarbons, C9, aromatics	/	/	/	May cause severe irritation.	/	/
hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	/	/	/	Mild irritating.	/	/

**Additional information**

The product is not classified as an irritant to the eyes.

**(d) Respiratory or skin sensitisation****For components**

Name	Exposure route	Species	Time	result	Method	Remark
hydrocarbons, C9, aromatics	-	/	/	It does not cause sensitization on laboratory animals.	/	/

**Additional information**

The product is not classified as sensitising.

**(e) (Germ cell) mutagenicity****For components**

Name	Type	Species	Time	result	Method	Remark
hydrocarbons, C9, aromatics	/	germ cells	/	No observed effect.	/	/
hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	/	/	/	Non-mutagenic.	/	/

**(f) Carcinogenicity****For components**

Name	Exposure route	Type	Species	Time	value	result	Method	Remark
hydrocarbons, C9, aromatics	/	/	/	/	/	The chemical is not classified as carcinogenic.	/	/
hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	/	/	/	/	/	Not carcinogenic.	/	/

**(g) Reproductive toxicity****For components**

Name	Reproductive toxicity type	Type	Species	Time	value	result	Method	Remark
hydrocarbons, C9, aromatics	/	/	/	/	/	No teratogenic effects to be expected.	/	/
hydrocarbons, C9, aromatics	/	/	/	/	/	The chemical is not classified as toxic for reproduction.	/	/
hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	/	-	/	/	/	not teratogenic	/	/
hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	/	/	/	/	/	Not toxic for reproduction.	/	/

#### Summary of evaluation of the CMR properties

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

#### (h) STOT-single exposure

For components

Name	Exposure route	Type	Species	Time	Exposure	organ	value	result	Method	Remark
hydrocarbons, C9, aromatics	oral	-	/	/	/	/	/	May cause irritation of the digestive tract.	/	/
hydrocarbons, C9, aromatics	oral	-	/	/	/	/	/	Symptoms: Cough, heavy breath.	/	/
hydrocarbons, C9, aromatics	oral	-	/	/	/	/	/	Chemical pneumonia may develop during the day.	/	/
hydrocarbons, C9, aromatics	inhalation	-	/	/	/	/	/	May cause respiratory irritation.	/	/
hydrocarbons, C9, aromatics	inhalation	-	/	/	/	/	/	Vapours may cause narcotic effects.	/	/
hydrocarbons, C9, aromatics	inhalation	-	/	/	/	/	/	Vapours may cause headaches, drowsiness and dizziness.	/	/
hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	-	-	/	/	/	/	/	Not classified.	/	/

#### Additional information

May cause respiratory irritation. May cause drowsiness or dizziness.

#### (i) STOT-repeated exposure

For components

Name	Exposure route	Type	Species	Time	Exposure	organ	value	result	Method	Remark
hydrocarbons, C9, aromatics	-	-	/	/	/	/	/	Not classified.	/	/

hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	dermal	-	/	/	/	/	/	Repeated or prolonged contact with the product may lead to removal of natural fats from the skin and non-allergic contact dermatitis.	/	/
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#### Additional information

STOT RE (repeated exposure): Not classified.

#### (j) Aspiration hazard

##### For components

Name	result	Method	Remark
hydrocarbons, C9, aromatics	May be fatal if swallowed and enters airways.	/	/
hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	May be fatal if swallowed and enters airways.	/	/

#### Additional information

May be fatal if swallowed and enters airways.

#### 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
hydrocarbons, C9, aromatics	ErL <sub>50</sub>	2.9 mg/L	72 h	algae	<i>Pseudokirchneriella subcapitata</i>	/	structurally similar material
hydrocarbons, C9, aromatics	EL <sub>50</sub>	3.2 mg/L	48 h	crustacea	<i>Daphnia magna</i>	/	structurally similar material
hydrocarbons, C9, aromatics	LL <sub>50</sub>	9.2 mg/L	96 h	fish	<i>Oncorhynchus mykiss</i>	/	structurally similar material
hydrocarbons, C9, aromatics	NOELR	1 mg/L	72 h	algae	<i>Pseudokirchneriella subcapitata</i>	/	/
hydrocarbons, C9, aromatics	EL <sub>50</sub>	2.6 - 2.9 mg/L	72 h	algae	<i>Pseudokirchneriella subcapitata</i>	Petrottox (v3.04) Petrottox (v3.04)	/

hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	LL <sub>0</sub>	1000 mg/L	96 h	fish	<i>Oncorhynchus mykiss</i>	/	/
hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	EL <sub>0</sub>	1000 mg/L	72 h	crustacea	<i>Daphnia magna</i>	/	/
hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	EL <sub>0</sub>	1000 mg/L	72 h	algae	<i>Pseudokirchneriella subcapitata</i>	/	/

**Chronic (long-term) toxicity**  
No information.

**12.2 Persistence and degradability**

**Abiotic degradation, physical- and photo-chemical elimination**

No information.

**Biodegradation**

**For components**

Name	Type	Rate	Time	Evaluation	Method	Remark
hydrocarbons, C9, aromatics	biodegradability	%	28 days	readily biodegradable	/	fresh water
hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	biodegradability	80 %	28 days	readily biodegradable	/	/

**12.3 Bioaccumulative potential**

**Partition coefficient**

No information.

**Bioconcentration factor (BCF)**

No information.

**12.4 Mobility in soil**

**Known or predicted distribution to environmental compartments**

No information.

**Surface tension**

No information.

**Adsorption/Desorption**

**For components**

Name	Type	Criterion	value	Evaluation	Method	Remark
hydrocarbons, C9, aromatics	Soil	/	/	No adsorption in soil expected.	/	/

**12.5 Results of PBT and vPvB assessment**

No evaluation.

### 12.6 Endocrine disrupting properties

No information.

### 12.7 Other adverse effects

No information.

### 12.8 Additional information

#### For product

Toxic to aquatic life with long lasting effects. Avoid release to the environment. Water hazard class (WGK): 3 (Self-assessment), very hazardous for water.

#### For components

##### **hydrocarbons, C9, aromatics**

Toxic to aquatic life with long lasting effects. Volatile.

##### **hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics**

The substance is highly volatile. Does not bioaccumulate. Not soluble in water. This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Product / Packaging disposal

##### Waste chemical

Avoid release to the environment. Dispose of in accordance with applicable waste disposal regulation. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste. Product and container must be disposed of safely.

##### Waste codes / waste designations according to LoW

16 05 04\* - gases in pressure containers (including halons) containing dangerous substances

##### Packaging

Dispose of in accordance with applicable waste disposal regulation. Deliver completely emptied containers to approved waste disposal authorities.

##### Waste codes / waste designations according to LoW

15 01 11\* - metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers

##### 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 (hydrocarbons, C9, aromatics)	AEROSOLS	AEROSOLS
<b>14.3 Transport hazard class(es)</b>			
2	2	2	2
 	 	 	 
<b>14.4 Packing group</b>			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
<b>14.5 Environmental hazards</b>			
YES	Marine pollutant	YES	YES
<b>14.6 Special precautions for user</b>			
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) Classification code 5F	Limited quantities 1 L EmS F-D, S-U	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
<b>14.7 Maritime transport in bulk according to IMO instruments</b>			
	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

Ingredients according to Regulation (EC) No 648/2004 on detergents  
No information.

Special instructions

No information.

## 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16: OTHER INFORMATION

### Indication of changes

#### 2.2 Label elements

### 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.  
 H226 Flammable liquid and vapour.  
 H280 Contains gas under pressure; may explode if heated.  
 H304 May be fatal if swallowed and enters airways.  
 H335 May cause respiratory irritation.  
 H336 May cause drowsiness or dizziness.  
 H411 Toxic to aquatic life with long lasting effects.  
 EUH066 Repeated exposure may cause skin dryness or cracking.



- ☑ 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.*