PUR Gun Foam 750ml

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

1.1. Product identifier

Trade name/designation:

PUR Gun Foam 750ml

Article No.:
T670801

UFI:
NFA0-MU75-CN02-A48F

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

Use of the substance/mixture:
Foam

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1.3. Details of the supplier of the safety data sheet

Supplier:

KANDO Service GmbH
Hartleitnerstraße 3
4653 Eberstalzell
Austria
Telephone: +43 (0) 7241 213 79
E-mail: msds@kando.eu

1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
aerosol dispensers and lighters *(Aerosol 1)*	H222; H229: Extremely flammable aerosol. Pressurised container: May burst if heated.	
Skin corrosion/irritation *(Skin Irrit. 2)*	H315: Causes skin irritation.	
Respiratory or skin sensitisation *(Skin Sens. 1)*	H317: May cause an allergic skin reaction.	
Serious eye damage/eye irritation *(Eye Irrit. 2)*	H319: Causes serious eye irritation.	
Respiratory or skin sensitisation *(Resp. Sens. 1)*	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
STOT-single exposure *(STOT SE 3)*	H335: May cause respiratory irritation.	
Carcinogenicity *(Carc. 2)*	H351: Suspected of causing cancer.	
Reproductive toxicity *(Lact.)*	H362: May cause harm to breast-fed children.	
STOT-repeated exposure *(STOT RE 2)*	H373: May cause damage to organs through prolonged or repeated exposure.	
Hazardous to the aquatic environment *(Aquatic Chronic 4)*	H413: May cause long lasting harmful effects to aquatic life.	

2.2. Label elements

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

Hazard pictograms:



GHS02
Flame



GHS07
Exclamation mark



GHS08
Health hazard

Signal word: Danger

Hazard components for labelling:
Alkanes, C14-17, chloro; 4,4'-Methylenediphenyl diisocyanate, isomers and homologues

Hazard statements for physical hazards	
H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.

Hazard statements for health hazards	
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H362	May cause harm to breast-fed children.
H373	May cause damage to organs through prolonged or repeated exposure.

Hazard statements for environmental hazards	
H413	May cause long lasting harmful effects to aquatic life.

Supplemental hazard information	
EUH204	Contains isocyanates. May produce an allergic reaction.

Precautionary statements Prevention	
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.
P280	Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear.

Precautionary statements Response	
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

Precautionary statements Disposal	
P501	Dispose of contents/container to an appropriate recycling or disposal facility.

Additional information:
As from 24 August 2023 adequate training is required before industrial or professional use.
Persons already sensitised to diisocyanates may develop allergic reactions when using this product.
Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.

This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

2.3. Other hazards

Other adverse effects:

The product contains PBT / vPvB: Alkanes, C14-17, chloro
The product does not meet the criteria regarding its endocrine disrupting properties.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 9016-87-9 EC No.: 618-498-9	**4,4'-Methylenediphenyl diisocyanate, isomers and homologues** Acute Tox. 4 (H332), Carc. 2 (H351), Eye Irrit. 2 (H319), Resp. Sens. 1 (H334), STOT RE 2 (H373), STOT SE 3 (H335), Skin Irrit. 2 (H315), Skin Sens. 1 (H317)  Danger **Specific concentration limit (SCL)** Skin Irrit. 2; H315: C ≥ 5% Eye Irrit. 2; H319: C ≥ 5% Resp. Sens. 1; H334: C ≥ 0.1% STOT SE 3; H335: C ≥ 5% **Acute Toxicity Estimate** ATE (inhalation, vapour) 11 mg/L ATE (inhalation, dust/mist) 1.5 mg/L	40 – < 60 Vol-%
CAS No.: 75-28-5 EC No.: 807-935-0 REACH No.: 01-2119486772-26	**Reaction products of phosphoryl trichloride and 2-methyloxirane** Flam. Gas 1A (H220), Press. Gas (Comp.) (H280)  Danger **Acute Toxicity Estimate** ATE (oral) 632 mg/kg ATE (dermal) > 2,000 mg/kg ATE (inhalation, dust/mist) > 20 mg/L	10 – < 20 Vol-%
CAS No.: 115-10-6 EC No.: 204-065-8 Index No.: 603-019-00-8 REACH No.: 01-2119472128-37	**dimethyl ether** Flam. Gas 1A (H220), Press. Gas (Comp.) (H280)  Danger **Acute Toxicity Estimate** ATE (oral) > 2,000 mg/kg ATE (dermal) > 2,000 mg/kg ATE (inhalation, gases) 308.5 ppmV ATE (inhalation, dust/mist) 308.5 mg/L	5 – < 10 Vol-%
CAS No.: 75-28-5 EC No.: 200-857-2 REACH No.: 01-2119485395-27	**isobutane** Flam. Gas 1A (H220), Press. Gas (Comp.) (H280)  Danger **Acute Toxicity Estimate** ATE (oral) > 15,000 mg/kg ATE (dermal) > 5,000 mg/kg ATE (inhalation, vapour) > 4,951 mg/L	5 – < 10 Vol-%
CAS No.: 85535-85-9 EC No.: 287-477-0 Index No.: 602-095-00-X REACH No.: 01-2119519269-33	**Alkanes, C14-17, chloro** *Candidate List of Substances of Very High Concern for Authorisation!* Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Lact. (H362)  Warning EUH066 **Acute Toxicity Estimate** ATE (oral) > 2,000 mg/kg ATE (dermal) > 2,000 mg/kg ATE (inhalation, dust/mist) > 20 mg/L	2.5 – < 5 Vol-%

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 25791-96-2 EC No.: 500-044-5 REACH No.: 01-2119958814-25	**Glycerin, propoxylated** Acute Tox. 4 (H302) Warning **Acute Toxicity Estimate** ATE (oral) 500 mg/kg ATE (dermal) > 2,000 mg/kg ATE (inhalation, dust/mist) > 20 mg/L	2.5 – < 5 Vol-%
CAS No.: 74-98-6 EC No.: 200-827-9 Index No.: 601-003-00-5 REACH No.: 01-2119486944-21	**propane** Flam. Gas 1A (H220), Press. Gas (Comp.) (H280) Danger **Acute Toxicity Estimate** ATE (oral) 5,840 mg/kg ATE (dermal) 13,900 mg/kg ATE (inhalation, gases) > 25 ppmV ATE (inhalation, vapour) ≥ 50 mg/L	2.5 – < 5 Vol-%
CAS No.: 107-21-1 EC No.: 203-473-3 REACH No.: 01-2119456816-28	**ethane-1,2-diol** Acute Tox. 4 (H302), STOT RE 2 (H373) Warning **Acute Toxicity Estimate** ATE (oral) > 7,712 mg/kg ATE (dermal) 3,500 mg/kg	0.1 – < 1 Vol-%
CAS No.: 556-67-2 EC No.: 209-136-7 Index No.: 014-018-00-1 REACH No.: 01-2119529238-36	**octamethylcyclotetrasiloxane** *Candidate List of Substances of Very High Concern for Authorisation!* Aquatic Chronic 1 (H410), Flam. Liq. 3 (H226), Repr. 2 (H361f) Warning **Acute Toxicity Estimate** ATE (oral) 61,440 mg/kg ATE (dermal) 10,000 mg/kg ATE (inhalation, dust/mist) > 20 mg/L	0.01 – < 0.1 Vol-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
Symptoms of poisoning may occur after contact, so if in doubt, consult a doctor in case of direct contact with the chemical product or persistence of indisposition, and present the safety data sheet of this product to the doctor.

Following inhalation:
Remove the victim from the exposure site, provide him/her with clean air and keep him/her in a resting position. In severe cases such as cardio-respiratory arrest, apply artificial respiration techniques (mouth-to-mouth resuscitation, cardiac massage, oxygen supply, etc.). Medical advice should be sought immediately.

In case of skin contact:
Remove contaminated clothing and shoes, rinse the skin or, if necessary, shower the affected person with plenty of cold water and neutral soap. In severe cases, consult a doctor. If the mixture causes burns or frostbite, do not remove the clothing, as the injury caused may be aggravated if it sticks to the skin. If blisters form on the skin, do not puncture them as this increases the risk of infection.

After eye contact:
Flush eyes with plenty of water for at least 15 minutes. If the affected person wears contact lenses, remove them as far as they do not stick to the eyes, otherwise additional injuries may occur. In all cases, a doctor must be consulted as soon as possible after washing and the safety data sheet presented to him.

Following ingestion:
Do NOT induce vomiting. If vomiting occurs, hold the head forward to avoid inhalation. Keep the person in a resting position. Rinse mouth and throat as they may have been affected by ingestion.

4.2. Most important symptoms and effects, both acute and delayed
The immediate and delayed effects are given in sections 2 and 11.

4.3. Indication of any immediate medical attention and special treatment needed
not relevant

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media:
ABC-powder, Foam, Carbon dioxide (CO2)

Unsuitable extinguishing media:
Water jet

5.2. Special hazards arising from the substance or mixture
As a result of combustion or thermal decomposition, reactive sub-products are formed that can be highly toxic and therefore pose a high and can therefore pose a high health risk.

5.3. Advice for firefighters
Depending on the size of the fire, it may be necessary to use full protective clothing and autonomous breathing apparatus may be required. There should be a minimum stock of emergency facilities or equipment (fireproof blankets, portable first aid kit, ...) in accordance with Directive 89/654/EC. first-aid kit, ...) should be available in accordance with Directive 89/654/EC.

5.4. Additional information
Proceed in accordance with the internal emergency plan and the information sheets on what to do in the event of accidents and other emergencies. proceed. Keep away all sources of ignition. In case of fire, cool the storage containers and tanks of products that may catch fire or explode or explode or are at risk of BLEVE due to elevated temperatures. The leakage of products used in Avoid leakage of products used in firefighting into groundwater.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
6.1.1. For non-emergency personnel
Personal precautions:
Isolate leaks as far as this does not pose an additional risk to the persons involved. Evacuate area and keep away persons without protective equipment. In view of possible contact with the spilled product, the use of personal protective equipment is mandatory (see section 8). Above all, prevent the formation of flammable vapour-air mixtures, either by ventilation or by using a neutralising agent. Keep away all sources of ignition. Prevent electrostatic charges by connecting all conductor surfaces on which static electricity can build up, again keeping them earthed as a whole.

6.1.2. For emergency responders
Personal protection equipment:
See section 8.

6.2. Environmental precautions
Prevent leakage into the water at all costs. Store absorbed product appropriately in hermetically sealable containers. In case of exposure to the general population or the environment, inform the competent authorities.

6.3. Methods and material for containment and cleaning up
Other information:
Soak up spilled product using sand or neutral absorbent material and take to a safe place. Do not absorb with Do not absorb with sawdust or other flammable absorbents. Disposal: See section 13.

6.4. Reference to other sections
See section 7 for further information on safe handling.
For further information on personal protective equipment: see section 8.
For further information on disposal: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Comply with the legislation in force on the prevention of industrial risks. Keep containers hermetically closed. Keep spilled substances and residues under control and dispose of by safe methods (section 6). Avoid leakage from the container. Places where hazardous products are handled must be kept tidy and clean.

Fire prevent measures:

Avoid evaporation of the product as it contains flammable substances and flammable vapour/air mixtures may form in the presence of ignition sources. Control ignition sources (mobile phones, sparks, ...) and decant slowly to avoid the generation of electrostatic charges. For information on conditions and materials to avoid, see section 10.

Environmental precautions:

Due to the hazardous nature of this product to the environment, it is recommended that it be handled within an area that has contamination control barriers in the event of a spill and that absorbent material be stored nearby.

Advices on general occupational hygiene

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Store in a cool dry place.

Requirements for storage rooms and vessels:

Avoid sources of heat, radiation, static electricity and contact with food. Further information (see section 10.5).

7.3. Specific end use(s)

Recommendation:

No further relevant information available.

SECTION 8: Exposure controls/personal protection

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8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
MAK (AT)	**Reaction products of phosphoryl trichloride and 2-methyloxirane** CAS No.: 75-28-5 EC No.: 807-935-0	② 1,600 ppm (3,800 mg/m³) ⑤ (max. 3x60 min./SchichtMomentanwert)
MAK (AT)	**Reaction products of phosphoryl trichloride and 2-methyloxirane** CAS No.: 75-28-5 EC No.: 807-935-0	① 800 ppm (1,900 mg/m³)
MAK (AT)	**dimethyl ether** CAS No.: 115-10-6 EC No.: 204-065-8	① 1,000 ppm (1,910 mg/m³)
MAK (AT)	**dimethyl ether** CAS No.: 115-10-6 EC No.: 204-065-8	② 2,000 ppm (3,820 mg/m³) ⑤ (max. 3x60 min./Schicht, Momentanwert)
IOELV (EU)	**dimethyl ether** CAS No.: 115-10-6 EC No.: 204-065-8	① 1,000 ppm (1,920 mg/m³)

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
MAK (AT)	**isobutane** CAS No.: 75-28-5 EC No.: 200-857-2	② 1,600 ppm (3,800 mg/m³) ⑤ (max. 3x60 min./SchichtMomentanwert)
MAK (AT)	**isobutane** CAS No.: 75-28-5 EC No.: 200-857-2	① 800 ppm (1,900 mg/m³)
MAK (AT)	**propane** CAS No.: 74-98-6 EC No.: 200-827-9	② 2,000 ppm (3,600 mg/m³) ⑤ (max. 3x60 min./Schicht, Momentanwert)
MAK (AT)	**propane** CAS No.: 74-98-6 EC No.: 200-827-9	① 1,000 ppm (1,800 mg/m³)
MAK (AT)	**ethane-1,2-diol** CAS No.: 107-21-1 EC No.: 203-473-3	① 10 ppm (26 mg/m³) ⑤ (kann über die Haut aufgenommen werden) H
MAK (AT)	**ethane-1,2-diol** CAS No.: 107-21-1 EC No.: 203-473-3	② 20 ppm (52 mg/m³) ⑤ (max. 8x5 min./Schicht, Momentanwert, kann über die Haut aufgenommen werden) H
IOELV (EU)	**ethane-1,2-diol** CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m³) ② 40 ppm (104 mg/m³) ⑤ (may be absorbed through the skin)

8.1.2. Biological limit values
No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0	8.2 mg/m³	① DNEL worker ② Long-term – inhalation, systemic effects
Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0	1.45 mg/m³	① DNEL Consumer ② Long-term – inhalation, systemic effects
Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0	2.91 mg/kg	① DNEL worker ② Long-term - dermal, systemic effects
Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0	1.04 mg/kg	① DNEL Consumer ② Long-term - dermal, systemic effects
Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0	0.52 mg/kg	① DNEL Consumer ② Long-term - oral, systemic effects
Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0	2 mg/kg	① DNEL Consumer ② Acute – oral, systemic effects

Substance name	DNEL value	① DNEL type ② Exposure route
dimethyl ether CAS No.: 115-10-6 EC No.: 204-065-8	1,894 mg/m³	① DNEL worker ② Long-term – inhalation, systemic effects
dimethyl ether CAS No.: 115-10-6 EC No.: 204-065-8	471 mg/m³	① DNEL Consumer ② Long-term – inhalation, systemic effects
Alkanes, C14-17, chloro CAS No.: 85535-85-9 EC No.: 287-477-0	6.7 mg/m³	① DNEL worker ② Long-term – inhalation, systemic effects
Alkanes, C14-17, chloro CAS No.: 85535-85-9 EC No.: 287-477-0	2 mg/m³	① DNEL Consumer ② Long-term – inhalation, systemic effects
Alkanes, C14-17, chloro CAS No.: 85535-85-9 EC No.: 287-477-0	47.9 mg/kg	① DNEL worker ② Long-term - dermal, systemic effects
Alkanes, C14-17, chloro CAS No.: 85535-85-9 EC No.: 287-477-0	28.75 mg/kg	① DNEL Consumer ② Long-term - dermal, systemic effects
Alkanes, C14-17, chloro CAS No.: 85535-85-9 EC No.: 287-477-0	0.58 mg/kg	① DNEL Consumer ② Long-term - oral, systemic effects
Glycerin, propoxylated CAS No.: 25791-96-2 EC No.: 500-044-5	98 mg/m³	① DNEL worker ② Long-term – inhalation, systemic effects
Glycerin, propoxylated CAS No.: 25791-96-2 EC No.: 500-044-5	29 mg/m³	① DNEL Consumer ② Long-term – inhalation, systemic effects
Glycerin, propoxylated CAS No.: 25791-96-2 EC No.: 500-044-5	13.9 mg/kg	① DNEL worker ② Long-term - dermal, systemic effects
Glycerin, propoxylated CAS No.: 25791-96-2 EC No.: 500-044-5	8.3 mg/kg	① DNEL Consumer ② Long-term - dermal, systemic effects
Glycerin, propoxylated CAS No.: 25791-96-2 EC No.: 500-044-5	8.3 mg/kg	① DNEL Consumer ② Long-term - oral, systemic effects
ethane-1,2-diol CAS No.: 107-21-1 EC No.: 203-473-3	35 mg/m³	① DNEL worker ② Long-term – inhalation, local effects
ethane-1,2-diol CAS No.: 107-21-1 EC No.: 203-473-3	7 mg/m³	① DNEL Consumer ② Long-term – inhalation, local effects
ethane-1,2-diol CAS No.: 107-21-1 EC No.: 203-473-3	106 mg/kg	① DNEL worker ② Long-term - dermal, systemic effects
ethane-1,2-diol CAS No.: 107-21-1 EC No.: 203-473-3	53 mg/kg	① DNEL Consumer ② Long-term - dermal, systemic effects
octamethylcyclotetrasiloxane CAS No.: 556-67-2 EC No.: 209-136-7	73 mg/m³	① DNEL worker ② Long-term – inhalation, systemic effects
octamethylcyclotetrasiloxane CAS No.: 556-67-2 EC No.: 209-136-7	13 mg/m³	① DNEL Consumer ② Long-term – inhalation, systemic effects
octamethylcyclotetrasiloxane CAS No.: 556-67-2 EC No.: 209-136-7	73 mg/m³	① DNEL worker ② Long-term – inhalation, local effects

Substance name	DNEL value	① DNEL type ② Exposure route
octamethylcyclotetrasiloxane CAS No.: 556-67-2 EC No.: 209-136-7	13 mg/m³	① DNEL Consumer ② Long-term – inhalation, local effects

Substance name	PNEC Value	① PNEC type
Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0	0.32 mg/L	① PNEC aquatic, freshwater
Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0	0.032 mg/L	① PNEC aquatic, marine water
Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0	11.5 mg/kg	① PNEC sediment, freshwater
Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0	1.15 mg/kg	① PNEC sediment, marine water
Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0	0.34 mg/kg	① PNEC soil
Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0	0.51 mg/L	① PNEC aquatic, intermittent release
dimethyl ether CAS No.: 115-10-6 EC No.: 204-065-8	0.155 mg/L	① PNEC aquatic, freshwater
dimethyl ether CAS No.: 115-10-6 EC No.: 204-065-8	0.016 mg/L	① PNEC aquatic, marine water
dimethyl ether CAS No.: 115-10-6 EC No.: 204-065-8	0.681 mg/kg	① PNEC sediment, freshwater
dimethyl ether CAS No.: 115-10-6 EC No.: 204-065-8	0.069 mg/kg	① PNEC sediment, marine water
dimethyl ether CAS No.: 115-10-6 EC No.: 204-065-8	0.045 mg/kg	① PNEC soil
dimethyl ether CAS No.: 115-10-6 EC No.: 204-065-8	1.549 mg/L	① PNEC aquatic, intermittent release
Alkanes, C14-17, chloro CAS No.: 85535-85-9 EC No.: 287-477-0	0.001 mg/L	① PNEC aquatic, freshwater
Alkanes, C14-17, chloro CAS No.: 85535-85-9 EC No.: 287-477-0	0.0002 mg/L	① PNEC aquatic, marine water
Alkanes, C14-17, chloro CAS No.: 85535-85-9 EC No.: 287-477-0	13 mg/kg	① PNEC sediment, freshwater
Alkanes, C14-17, chloro CAS No.: 85535-85-9 EC No.: 287-477-0	2.6 mg/kg	① PNEC sediment, marine water

Substance name	PNEC Value	① PNEC type
Alkanes, C14-17, chloro CAS No.: 85535-85-9 EC No.: 287-477-0	11.9 mg/kg	① PNEC soil
Glycerin, propoxylated CAS No.: 25791-96-2 EC No.: 500-044-5	0.2 mg/L	① PNEC aquatic, freshwater
Glycerin, propoxylated CAS No.: 25791-96-2 EC No.: 500-044-5	0.02 mg/L	① PNEC aquatic, marine water
Glycerin, propoxylated CAS No.: 25791-96-2 EC No.: 500-044-5	0.52 mg/kg	① PNEC sediment, freshwater
Glycerin, propoxylated CAS No.: 25791-96-2 EC No.: 500-044-5	0.052 mg/kg	① PNEC sediment, marine water
Glycerin, propoxylated CAS No.: 25791-96-2 EC No.: 500-044-5	0.067 mg/kg	① PNEC soil
Glycerin, propoxylated CAS No.: 25791-96-2 EC No.: 500-044-5	1 mg/L	① PNEC aquatic, intermittent release
ethane-1,2-diol CAS No.: 107-21-1 EC No.: 203-473-3	10 mg/L	① PNEC aquatic, freshwater
ethane-1,2-diol CAS No.: 107-21-1 EC No.: 203-473-3	1 mg/L	① PNEC aquatic, marine water
ethane-1,2-diol CAS No.: 107-21-1 EC No.: 203-473-3	37 mg/kg	① PNEC sediment, freshwater
ethane-1,2-diol CAS No.: 107-21-1 EC No.: 203-473-3	3.7 mg/kg	① PNEC sediment, marine water
ethane-1,2-diol CAS No.: 107-21-1 EC No.: 203-473-3	1.53 mg/kg	① PNEC soil
ethane-1,2-diol CAS No.: 107-21-1 EC No.: 203-473-3	10 mg/L	① PNEC aquatic, intermittent release
octamethylcyclotetrasiloxane CAS No.: 556-67-2 EC No.: 209-136-7	0.0015 mg/L	① PNEC aquatic, freshwater
octamethylcyclotetrasiloxane CAS No.: 556-67-2 EC No.: 209-136-7	0.00015 mg/L	① PNEC aquatic, marine water
octamethylcyclotetrasiloxane CAS No.: 556-67-2 EC No.: 209-136-7	3 mg/kg	① PNEC sediment, freshwater
octamethylcyclotetrasiloxane CAS No.: 556-67-2 EC No.: 209-136-7	0.3 mg/kg	① PNEC sediment, marine water
octamethylcyclotetrasiloxane CAS No.: 556-67-2 EC No.: 209-136-7	0.56 mg/kg	① PNEC soil

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment



Eye/face protection:

Wear face protection.
CE marking: CE CAT II
EN 166:2002; EN 167:2002; EN 168:2002; EN ISO 4007:2018
Clean daily and disinfect at regular intervals according to the manufacturer's instructions. Use when there is a risk of splashing is recommended.

Skin protection:

Hand protection:
Reusable gloves for chemical protection
CE marking: CE CAT III
EN ISO 374-1:2016+A1:2018; EN 16523-1:2015+A1:2018; EN 420:2004+A1:2010
The breakthrough time specified by the manufacturer must be longer than the application time of the product. Do not use protective creams after contact of the product with the skin.
As the product is a mixture of different materials, the resistance of the glove material cannot be calculated in advance and must be verified shortly before use.

Body protection:
Disposable protective clothing against chemical hazards, antistatic and fire retardant
CE marking: CE CAT III
EN 1149-1,2,3; EN 13034:2005+A1:2009; EN ISO 13982-1:2004/A1:2010; EN ISO 6529:2013; EN ISO 6530:2005; EN ISO 13688:2013; EN 464:1994
Use exclusively at work. Clean regularly according to the manufacturer's instructions.

Safety footwear against chemical hazards, with antistatic and heat-resistant properties
CE marking: CE CAT III
EN ISO 13287:2013; EN ISO 20345:2011; EN 13832-1:2019
Replace boots at any sign of damage.

Respiratory protection:

Self-filtering mask for gases and vapours and particles
CE marking: CE CAT III
EN 149:2001+A1:2009; EN 405:2002+A1:2010; EN ISO 136:1998
Replace if increased breathing resistance or the smell or taste of the pollutant is noticed.

Other protection measures:

According to the order of priority for workplace control, local extraction in the work zone is recommended as a collective protective measure to avoid exceeding the limit values in the workplace. In case of using personal protective equipment, it must have the "CE marking"". For more information on personal protective equipment (storage, use, cleaning, maintenance, protection class,...), see the leaflet provided by the manufacturer. The instructions provided in this article refer to the pure product. Protective measures for the diluted product may vary depending on the degree of dilution, application and application procedure, etc. To determine the required installation of emergency showers or eyewashes in the storage rooms, the regulations for the storage of chemicals applicable in each case are taken into account. For more information, see sections 7.1 and 7.2.

Non-slip work footwear:
Emergency shower: ANSI Z358-1; ISO 3864-1:2011, ISO 3864-4:2011
Eye wash: DIN 12 899; ISO 3864-1:2011, ISO 3864-4:2011

8.2.3. Environmental exposure controls

Taking into account Community legislation on environmental protection, it is recommended to avoid leakage of both the product and its packaging into the environment. For further information, see section 7.1.
VOC value: 18,19%
Density: 182,86 kg/m³ (182,86 g/L)

SECTION 9: Physical and chemical properties

* **9.1. Information on basic physical and chemical properties**

Appearance

Form: Aerosol
Colour: light yellow
Odour: not determined
flammability: No data available

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
Initial boiling point and boiling range	-12 °C		② Propellant gas
Evaporation rate	*No data available*		
Vapour pressure	< 300 kPa	50 °C	
Density	1,005 kg/m³	20 °C	
Water solubility	*No data available*		
Self ignition temperature	460 °C		② Propellant gas

9.2. Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

Chemically stable under conditions of storage, handling and use.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Avoid high temperatures or direct sunlight.

10.5. Incompatible materials

Avoid strong acids, alkalis and bases. Avoid direct exposure to materials that promote combustion.

10.6. Hazardous decomposition products

See sections 10.3, 10.4 and 10.5 for specific degradation products. Depending on the degradation conditions, complex mixtures of chemical substances may be released during degradation: Carbon dioxide (CO2), carbon monoxide and other organic compounds.

SECTION 11: Toxicological information

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

Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0
LD_{50} oral: 632 mg/kg (Rat)
LD_{50} dermal: >2,000 mg/kg
LC_{50} Acute inhalation toxicity (dust/mist): >20 mg/L
dimethyl ether CAS No.: 115-10-6 EC No.: 204-065-8
LD_{50} oral: >2,000 mg/kg
LD_{50} dermal: >2,000 mg/kg
LC_{50} Acute inhalation toxicity (gas): 308.5 ppmV 4 h (Rat)
LC_{50} Acute inhalation toxicity (dust/mist): 308.5 mg/L 4 h (Rat)

isobutane CAS No.: 75-28-5 EC No.: 200-857-2	
LD_{50} oral: >15,000 mg/kg	
LD_{50} dermal: >5,000 mg/kg	
LC_{50} Acute inhalation toxicity (vapour): >4,951 mg/L	
Alkanes, C14-17, chloro CAS No.: 85535-85-9 EC No.: 287-477-0	
LD_{50} oral: >2,000 mg/kg	
LD_{50} dermal: >2,000 mg/kg	
LC_{50} Acute inhalation toxicity (dust/mist): >20 mg/L	
Glycerin, propoxylated CAS No.: 25791-96-2 EC No.: 500-044-5	
LD_{50} oral: 500 mg/kg	
LD_{50} dermal: >2,000 mg/kg	
LC_{50} Acute inhalation toxicity (dust/mist): >20 mg/L	
propane CAS No.: 74-98-6 EC No.: 200-827-9	
LD_{50} oral: 5,840 mg/kg (Rat)	
LD_{50} dermal: 13,900 mg/kg (Rabbit)	
LC_{50} Acute inhalation toxicity (gas): >25 ppmV 4 h (Rat)	
LC_{50} Acute inhalation toxicity (vapour): ≥50 mg/L 4 h (Rat)	
ethane-1,2-diol CAS No.: 107-21-1 EC No.: 203-473-3	
LD_{50} oral: >7,712 mg/kg (Rat)	
LD_{50} dermal: 3,500 mg/kg	
octamethylcyclotetrasiloxane CAS No.: 556-67-2 EC No.: 209-136-7	
LD_{50} oral: 61,440 mg/kg (Rat)	
LD_{50} dermal: 10,000 mg/kg (Rabbit)	
LC_{50} Acute inhalation toxicity (dust/mist): >20 mg/L	

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

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

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

Skin corrosion/irritation:
Leads to inflammation of the skin after contact.

Serious eye damage/irritation:
Causes eye injuries after contact.

Respiratory or skin sensitisation:
Taking a significant dose may cause throat irritation, abdominal pain, nausea and vomiting.
Causes respiratory irritation which is usually reversible and confined to the upper respiratory tract.

Carcinogenicity:
Contact with this product may cause cancer. For more information on possible health effects, see section 2. IARC: Chloroalkanes, C14-17, (2B); 4,4'-methylenediphenyl diisocyanate, isomers and homologues (3).

Reproductive toxicity:
May cause harm to breast-fed children.

STOT-single exposure:
Causes respiratory irritation which is usually reversible and confined to the upper respiratory tract.

STOT-repeated exposure:
Prolonged contact may cause specific respiratory hypersensitivity. Prolonged contact may cause allergic skin reactions. Exposure to high concentrations may cause central nervous system depression and headache, dizziness, nausea, vomiting, confusion and in severe cases loss of consciousness.

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

11.2. Information on other hazards

Endocrine disrupting properties:

The product does not meet the criteria regarding its endocrine disrupting properties.

SECTION 12: Ecological information

*

12.1. Toxicity

Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0
LC_{50}: 100 mg/L 4 d (fish, Danio rerio)
EC_{50}: 131 mg/L 2 d (crustaceans, Daphnia magna)
EC_{50}: 82 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata)
NOEC: 32 mg/L (crustaceans, Daphnia magna)
dimethyl ether CAS No.: 115-10-6 EC No.: 204-065-8
LC_{50}: >4,000 mg/L 2 d (crustaceans, Daphnia magna)
LC_{50}: >4,000 mg/L 4 d (fish)
EC_{50}: 155 mg/L 4 d (Algae/water plant)
LC_{50}: >4,000 mg/L 2 d (daphnia magna)
EC_{50}: 155 mg/L 4 d (Alge)
EC_{50}: 155 mg/L 4 d (algae)
isobutane CAS No.: 75-28-5 EC No.: 200-857-2
LC_{50}: 91.42 mg/L 4 d (fish, Fish, no other information)
LC_{50}: 100 mg/L 4 d (fish, Danio rerio)
LC_{50}: 91.42 mg/L 4 d (fish)
EC_{50}: 69.43 mg/L 2 d (crustaceans, Daphnia sp.)
EC_{50}: 1,000 mg/L 2 d (fish, Daphnia magna)
EC_{50}: 69.43 mg/L 2 d (crustaceans, Daphnia) Calculation with the ECOSAR programme v1.00.
ErC_{50}: 19.37 mg/L 4 d (Algae/water plant, Algae)
ErC_{50}: 19.37 mg/L 4 d (Algae/water plant) Calculation using ECOSAR Program v1.00.
Alkanes, C14-17, chloro CAS No.: 85535-85-9 EC No.: 287-477-0
LC_{50}: >0.1 – 1 mg/L 4 d (fish)
EC_{50}: >0.1 – 1 mg/L 2 d (crustaceans)
EC_{50}: >0.1 – 1 mg/L 3 d (Algae/water plant)
propane CAS No.: 74-98-6 EC No.: 200-827-9
LC_{50}: 9,640 mg/L 4 d (fish, Pimephales promelas)
LC_{50}: 0.41 mg/L 4 d (fish, Oncorhynchus mykiss)
LC_{50}: 49.9 mg/L 4 d (fish)
EC_{50}: >100 mg/L (Algae/water plant, Bacteria)
EC_{50}: 0.17 mg/L 3 d (Algae/water plant, Selenastrum capricornutum)
EC_{50}: 69.43 mg/L 2 d (crustaceans, Daphnia) Calculation with the ECOSAR programme v1.00.
NOEC: 0.017 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata)
ErC_{50}: 19.37 mg/L 4 d (Algae/water plant, Algae) Calculation with the ECOSAR programme v1.00.
LOEC: 1,000 mg/L (Algae/water plant, Algae)
LOEC: 1,000 mg/L (Algae/water plant, Alge)
IC_{50}: 11.3 mg/L 3 d (Algae/water plant)

ethane-1,2-diol CAS No.: 107-21-1 EC No.: 203-473-3
LC_{50}: >72,860 mg/L (fish, Pimephales promelas)
EC_{50}: >100 mg/L (crustaceans, Daphnia magna)
EC_{50}: 6,500 – 13,000 mg/L 4 d (Algae/water plant)
EC_{50}: 100 mg/L
NOEC: ≥1,000 mg/L 21 d (crustaceans, Americamysis bahia)
NOEC: 8,590 mg/L (crustaceans, Chronic Crustacea)
NOEC: 15,380 mg/L (fish)
octamethylcyclotetrasiloxane CAS No.: 556-67-2 EC No.: 209-136-7
LC_{50}: >0.1 – 1 mg/L 4 d (fish)
EC_{50}: >0.1 – 1 mg/L 2 d (crustaceans)
EC_{50}: >0.1 – 1 mg/L 3 d (Algae/water plant)
NOEC: 0.0044 mg/L (fish, Oncorhynchus mykiss)
NOEC: 0.015 mg/L (crustaceans, Daphnia magna)

Assessment/classification:
No further relevant information available.

12.2. Persistence and degradability

Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0
Biodegradation: Yes, slowly
propane CAS No.: 74-98-6 EC No.: 200-827-9
Biodegradation: Yes, rapidly
ethane-1,2-diol CAS No.: 107-21-1 EC No.: 203-473-3
Biodegradation: Yes, rapidly
Remark: Readily biodegradable (according to OECD criteria).
octamethylcyclotetrasiloxane CAS No.: 556-67-2 EC No.: 209-136-7
Biodegradation: Yes, slowly

Additional information:
No further relevant information available.

12.3. Bioaccumulative potential

Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0
Log K_{OW}: 3.17
isobutane CAS No.: 75-28-5 EC No.: 200-857-2
Log K_{OW}: 1.09
propane CAS No.: 74-98-6 EC No.: 200-827-9
Log K_{OW}: 1.09
ethane-1,2-diol CAS No.: 107-21-1 EC No.: 203-473-3
Log K_{OW}: -1.36
Bioconcentration factor (BCF): 10
octamethylcyclotetrasiloxane CAS No.: 556-67-2 EC No.: 209-136-7
Log K_{OW}: 6.5

Accumulation / Evaluation:
No further relevant information available.

12.4. Mobility in soil
No further relevant information available.

12.5. Results of PBT and vPvB assessment

Reaction products of phosphoryl trichloride and 2-methyloxirane CAS No.: 75-28-5 EC No.: 807-935-0
Results of PBT and vPvB assessment: —

dimethyl ether CAS No.: 115-10-6 EC No.: 204-065-8	
Results of PBT and vPvB assessment: —	
isobutane CAS No.: 75-28-5 EC No.: 200-857-2	
Results of PBT and vPvB assessment: —	
Alkanes, C14-17, chloro CAS No.: 85535-85-9 EC No.: 287-477-0	
Results of PBT and vPvB assessment: —	
Glycerin, propoxylated CAS No.: 25791-96-2 EC No.: 500-044-5	
Results of PBT and vPvB assessment: —	
propane CAS No.: 74-98-6 EC No.: 200-827-9	
Results of PBT and vPvB assessment: —	
ethane-1,2-diol CAS No.: 107-21-1 EC No.: 203-473-3	
Results of PBT and vPvB assessment: —	
octamethylcyclotetrasiloxane CAS No.: 556-67-2 EC No.: 209-136-7	
Results of PBT and vPvB assessment: —	

The product contains PBT / vPvB: Alkanes, C14-17, chloro

12.6. Endocrine disrupting properties
The product does not meet the criteria regarding its endocrine disrupting properties.

12.7. Other adverse effects
No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Dispose of by the authorised waste manager in accordance with the recovery and disposal operations set out in Annex 1 and Annex 2 (Directive 2008/98/EC). According to codes 15 01 (2014/955/EC), if the container has been in direct contact with the product, treat it in the same way as the product itself, otherwise as if there were no hazardous residues. Do not allow to enter drains. See section 6.2.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV
Waste code product

16 05 04 *	Gases in pressure containers (including halons) containing hazardous substances

**: Evidence for disposal must be provided.*

Directive 2008/98/EC (Waste Framework Directive)

HP 3	Flammable
HP 4	Irritant — skin irritation and eye damage
HP 5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP 6	Acute Toxicity
HP 7	carcinogenic
HP 13	Sensitising
HP 14	Ecotoxic

Waste treatment options
Appropriate disposal / Product:
In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH), the Community or national provisions regarding waste recovery shall be complied with. Community legislation: Directive 2008/98/EC, 2014/955/EC, Regulation (EU) No 1357/2014. National regulations: Act on the Reorganisation of the Recycling and Waste Management Law. Of 24 February 2012.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
UN 1950	UN 1950	UN 1950	UN 1950

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.2. UN proper shipping name			
AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS
14.3. Transport hazard class(es)			
 2.1	 2.1	 2.1	 2.1
14.4. Packing group			
		-	
14.5. Environmental hazards			
No	No	No	No
14.6. Special precautions for user			
Special Provisions: 190 | 327 | 344 | 625 **Limited quantity (LQ):** 1 L **Excepted Quantities (EQ):** E0 **Classification code:** 5F **Tunnel restriction code:** (D)	**Special Provisions:** 190 | 327 | 344 | 625 **Limited quantity (LQ):** 1 L **Excepted Quantities (EQ):** E0 **Classification code:** 5F	**Special Provisions:** 63 | 190 | 277 | 327 | 344 | 381 | 959 **Limited quantity (LQ):** Siehe SV277 **Excepted Quantities (EQ):** E0 **EmS-No.:** F-D, S-U	**Special Provisions:** A145 | A167 **Limited quantity (LQ):** Y203 **Excepted Quantities (EQ):** E0

14.7. Maritime transport in bulk according to IMO instruments
not applicable

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Authorisations:
Substances for which authorisation in Regulation (CE) 1907/2006 (REACH) is pending: Not relevant. Substances included in REACH Annex XIV (authorisation list) and expiry date: Not relevant. Regulation (EC) 1005/2009 on ozone depleting substances Not relevant. Article 95, REGULATION (EU) No 528/2012: Not relevant. REGULATION (EU) No 649/2012 on the export and import of dangerous chemical substances: Not relevant.

Other regulations (EU):
Hazard categories:
• P3a 'Flammable' aerosols Category 1 or 2, containing flammable gases Category 1 or 2 or flammable liquids

Named dangerous substances:
• Liquefied flammable gases, Category 1 or 2 (including liquefied petroleum gas) and natural gas

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds:
Volatile organic compounds (VOC) content in percent by weight: 18.19 Vol-%

15.1.2. National regulations
No data available

15.2. Chemical Safety Assessment
A chemical safety assessment has not been carried out.

SECTION 16: Other information

* 16.1. Indication of changes

1.3.	Details of the supplier of the safety data sheet
8.1.	Control parameters
9.1.	Information on basic physical and chemical properties
12.1.	Toxicity
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
16.1.	Indication of changes
16.2.	Abbreviations and acronyms

* 16.2. Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DNEL	derived no-effect level
EC_{50}	Effective Concentration 50%
ES	Exposure scenario
EWC	European Waste Catalogue
IARC	International Agency for Research on Cancer
IC_{50}	Inhibition Concentration 50 %
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
KG	body weight
LC_{50}	Lethal (fatal) Concentration 50%
LD_{50}	Lethal (fatal) Dose 50%
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
NOEC	No Observed Effect Concentration
OECD	Organisation for Economic Cooperation and Development
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
SCL	Specific concentration limit
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations
VOC	Volatile organic compounds
ZNS	central nervous system

16.3. Key literature references and sources for data

No data available

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
aerosol dispensers and lighters *(Aerosol 1)*	H222; H229: Extremely flammable aerosol. Pressurised container: May burst if heated.	
Skin corrosion/irritation *(Skin Irrit. 2)*	H315: Causes skin irritation.	

Hazard classes and hazard categories	Hazard statements	Classification procedure
Respiratory or skin sensitisation *(Skin Sens. 1)*	H317: May cause an allergic skin reaction.	
Serious eye damage/eye irritation *(Eye Irrit. 2)*	H319: Causes serious eye irritation.	
Respiratory or skin sensitisation *(Resp. Sens. 1)*	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
STOT-single exposure *(STOT SE 3)*	H335: May cause respiratory irritation.	
Carcinogenicity *(Carc. 2)*	H351: Suspected of causing cancer.	
Reproductive toxicity *(Lact.)*	H362: May cause harm to breast-fed children.	
STOT-repeated exposure *(STOT RE 2)*	H373: May cause damage to organs through prolonged or repeated exposure.	
Hazardous to the aquatic environment *(Aquatic Chronic 4)*	H413: May cause long lasting harmful effects to aquatic life.	

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H220	Extremely flammable gas.
H226	Flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H361f	Suspected of damaging fertility.
H362	May cause harm to breast-fed children.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Supplemental hazard information	
EUH066	Repeated exposure may cause skin dryness or cracking.

16.6. Training advice
No data available

16.7. Additional information
To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.

* Data changed compared with the previous version.