



# SAFETY DATA SHEET

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

### 1.1. Product identifier

Trade name or designation of the mixture	5-56
Registration number	-
Synonyms	None.
Product code	BDS000240AE
Issue date	29-July-2020
Version number	02
Revision date	29-July-2020

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

Identified uses	Lubricants
Uses advised against	None known.

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

Company name	CRC Industries Europe bv
Address	Touwslagerstraat 1 9240 Zele Belgium
Telephone	+32(0)52/45.60.11
Fax	+32(0)52/45.00.34
E-mail	hse@crcind.com
Website	www.crcind.com

### 1.4. Emergency telephone number

Tel.: +32(0)52/45.60.11 (office hours)

General in EU	112 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Austria National Poisons Information Centre	+431 406 4343 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Belgium National Poisons Control Center	070 245 245 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Bulgaria National Toxicological Information Centre	+359 2 9154233 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Czech Republic National Poisons Information Centre	+420 224 919 293, or +420 224 915 402 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
Denmark National Poisons Control Center	+45 82 12 12 12 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Estonia National Poisons Information Centre	16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed on Sundays and on national holidays). SDS/Product information may not be available for the Emergency Service.)
Finland National Poison Information Center	(09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
France National Poisons Control Center	ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Hungary National Emergency Phone Number	36 80 20 11 99 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Lithuania Neatidėliotina informacija apsinuodijus	+370 5 236 20 52 or +37068753378 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
Malta Accident and Emergency Department	2545 4030 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

<b>Netherlands National Poisons Information Center (NVIC)</b>	030-274 88 88 (Only for the purpose of informing medical personnel in cases of acute intoxications)
<b>Norway Norwegian Poison Information Center</b>	22 59 13 00 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Romania Biroul RSI si Informare Toxicologica</b>	021.318.36.06 (Available 8:00AM-3:00PM. SDS/Product information may not be available for the Emergency Service.)
<b>Slovakia National Toxicological Information Centre</b>	+421 2 5477 4166 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Sweden National Poison Information Center</b>	112 - and ask for Poison Information (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Regulation (EC) No 1272/2008 as amended

##### Physical hazards

Aerosols

Category 2

H223 - Flammable aerosol.  
H229 - Pressurized container: May burst if heated.

##### Hazard summary

Aerosol CONTENTS UNDER PRESSURE.  
Pressurised container may explode when exposed to heat or flame. Not classified for health hazards. However, occupational exposure to the mixture or substance(s) may cause adverse health effects.

### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

##### Hazard pictograms



##### Signal word

Warning

##### Hazard statements

H223

Flammable aerosol.

H229

Pressurized container: May burst if heated.

#### Precautionary statements

##### Prevention

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.

##### Response

Not available.

##### Storage

P410 + P412

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

##### Disposal

Not available.

#### Supplemental label information

EUH066 - Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

None of the ingredients of this mixture does meet vPvB / PBT criteria of Regulation (EC) No 1907/2006, Annex XIII.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	50 - 75	EC926-141-6	01-2119456620-43	-	

**Classification:** Asp. Tox. 1;H304

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Carbon dioxide	1 - 5	124-38-9 204-696-9	Exempt	-	#
<b>Classification:</b> Press. Gas;H280					
Sulphonic acids, petroleum, sodium salts	1 - 5	68608-26-4 271-781-5	01-2119527859-22	-	
<b>Classification:</b> Eye Irrit. 2;H319					

#### List of abbreviations and symbols that may be used above

#: This substance has been assigned Union workplace exposure limit(s).  
M: M-factor  
PBT: persistent, bioaccumulative and toxic substance.  
vPvB: very persistent and very bioaccumulative substance.  
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition comments** The full text for all H-statements is displayed in section 16.

## SECTION 4: First aid measures

**General information** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 4.1. Description of first aid measures

**Inhalation** If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.  
**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.  
**Eye contact** Rinse with water. Get medical attention if irritation develops and persists.  
**Ingestion** In the unlikely event of swallowing contact a physician or poison control centre.

**4.2. Most important symptoms and effects, both acute and delayed** Exposure may cause temporary irritation, redness, or discomfort.

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

## SECTION 5: Firefighting measures

**General fire hazards** Flammable aerosol.

### 5.1. Extinguishing media

**Suitable extinguishing media** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).  
**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture** Contents under pressure. Pressurised container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.  
**Special fire fighting procedures** Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapour pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** Wear appropriate personal protective equipment.  
**For emergency responders** Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

**6.2. Environmental precautions** Avoid discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up** Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Pressurised container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**7.2. Conditions for safe storage, including any incompatibilities**

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS). Storage class (TRGS 510): 2B (Aerosol dispensers and lighters)

**7.3. Specific end use(s)**

Not available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational exposure limits****Austria****Components****Type****Value**

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics

TWA (MAK)

200 ppm

**Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001****Components****Type****Value**

Carbon dioxide (CAS 124-38-9)

Ceiling

18000 mg/m3

MAK

10000 ppm

9000 mg/m3

5000 ppm

**Belgium****Components****Type****Value**

mineral oil (IP 346 DMSO extract < 3%)

STEL

10 mg/m3

TWA

5 mg/m3

**Belgium. Exposure Limit Values****Components****Type****Value**

Carbon dioxide (CAS 124-38-9)

STEL

54784 mg/m3

TWA

30000 ppm

9131 mg/m3

5000 ppm

**Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work****Components****Type****Value**

Carbon dioxide (CAS 124-38-9)

TWA

9000 mg/m3

5000 ppm

**Croatia. Dangerous Substance Exposure Limit Values in the Workplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/09****Components****Type****Value**

Carbon dioxide (CAS 124-38-9)

MAC

9000 mg/m3

5000 ppm

**Czech Republic. OELs. Government Decree 361****Components****Type****Value**

Carbon dioxide (CAS 124-38-9)

Ceiling

45000 mg/m3

**Czech Republic. OELs. Government Decree 361**

Components	Type	Value
	TWA	9000 mg/m3

**Denmark**

Components	Type	Value
mineral oil (IP 346 DMSO extract < 3%)	TWA	1 mg/m3

**Denmark. Exposure Limit Values**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TLV	9000 mg/m3 5000 ppm

**Estonia. OELs. Occupational Exposure Limits of Hazardous Substances (Regulation No. 105/2001, Annex), as amended**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3 5000 ppm

**Finland**

Components	Type	Value
mineral oil (IP 346 DMSO extract < 3%)	TWA	5 mg/m3

**Finland. Workplace Exposure Limits**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9100 mg/m3 5000 ppm

**France**

Components	Type	Value
mineral oil (IP 346 DMSO extract < 3%)	STEL	10 mg/m3
	TWA	5 mg/m3

**France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	VME	9000 mg/m3 5000 ppm
<b>Regulatory status:</b>	Regulatory indicative (VRI)	
<b>Regulatory status:</b>	Regulatory indicative (VRI)	

**Germany**

Components	Type	Value
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	TWA	300 mg/m3

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9100 mg/m3 5000 ppm

**Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	AGW	9100 mg/m3 5000 ppm

**Greece. OELs (Decree No. 90/1999, as amended)**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	STEL	54000 mg/m3
		5000 ppm
	TWA	9000 mg/m3
		5000 ppm

**Hungary. OELs. Joint Decree on Chemical Safety of Workplaces**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
PETROLATUM; PETROLATUM [A COMPLEX COMBINATION OF HYDROCARBONS OBTAINED AS A SEMI-SOLID FROM DEWAXING PARAFFINIC RESIDUAL OIL. IT CONSISTS PREDOMINANTLY OF SATURATED CRYSTALLINE AND LIQUID HYDROCARBONS HAVING CARBON NUMBERS PREDOMINANTLY GREATER THAN C25.] (CAS 8009-03-8)	TWA	5 mg/m3

**Iceland. OELs. Regulation 154/1999 on occupational exposure limits**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm

**Ireland. Occupational Exposure Limits**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm

**Italy**

Components	Type	Value
mineral oil (IP 346 DMSO extract < 3%)	TWA	5 mg/m3

**Italy. Occupational Exposure Limits**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm

**Latvia. OELs. Occupational exposure limit values of chemical substances in work environment**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm

**Lithuania. OELs. Limit Values for Chemical Substances, General Requirements**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm

**Luxembourg. Binding Occupational exposure limit values (Annex I), Memorial A**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm

**Malta. OELs. Occupational Exposure Limit Values (L.N. 227. of Occupational Health and Safety Authority Act (CAP. 424), Schedules I and V)**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm

**Netherlands**

Components	Type	Value
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	TWA (MAC)	1200 mg/m3
mineral oil (IP 346 DMSO extract < 3%)	TWA (MAC)	5 mg/m3

**Netherlands. OELs (binding)**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3

**Norway**

Components	Type	Value
mineral oil (IP 346 DMSO extract < 3%)	TWA	1 mg/m3

**Norway. Administrative Norms for Contaminants in the Workplace**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TLV	9000 mg/m3
		5000 ppm

**Poland. Ordinance of the Minister of Labour and Social Policy on 6 June 2014 on the maximum permissible concentrations and intensities of harmful health factors in the work environment, Journal of Laws 2014, item 817**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	STEL	27000 mg/m3
	TWA	9000 mg/m3

**Portugal**

Components	Type	Value
mineral oil (IP 346 DMSO extract < 3%)	TWA	5 mg/m3

**Portugal. OELs. Decree-Law n. 290/2001 (Journal of the Republic - 1 Series A, n.266)**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm

**Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	STEL	30000 ppm
	TWA	5000 ppm

**Romania. OELs. Protection of workers from exposure to chemical agents at the workplace**

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm

Slovakia		
Components	Type	Value
mineral oil (IP 346 DMSO extract < 3%)	TWA	5 mg/m3
Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents		
Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm
Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)		
Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm
Spain		
Components	Type	Value
mineral oil (IP 346 DMSO extract < 3%)	TWA (VLA-ED)	5 mg/m3
Spain. Occupational Exposure Limits		
Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9150 mg/m3
		5000 ppm
Sweden		
Components	Type	Value
mineral oil (IP 346 DMSO extract < 3%)	STEL (STV)	3 mg/m3
	TWA	1 mg/m3
Sweden. OELs. Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2015:7)		
Components	Type	Value
Carbon dioxide (CAS 124-38-9)	STEL	18000 mg/m3
		10000 ppm
	TWA	9000 mg/m3
		5000 ppm
Switzerland. SUVA Grenzwerte am Arbeitsplatz		
Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm
UK. EH40 Workplace Exposure Limits (WELs)		
Components	Type	Value
Carbon dioxide (CAS 124-38-9)	STEL	27400 mg/m3
		15000 ppm
	TWA	9150 mg/m3
		5000 ppm
EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU		
Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm

**Biological limit values** No biological exposure limits noted for the ingredient(s).



**Recommended monitoring procedures** Follow standard monitoring procedures.

#### Derived no effect levels (DNELs)

##### Workers

Components	Value	Assessment factor	Notes
PETROLATUM; PETROLATUM [A COMPLEX COMBINATION OF HYDROCARBONS OBTAINED AS A SEMI-SOLID FROM DEWAXING PARAFFINIC RESIDUAL OIL. IT CONSISTS PREDOMINANTLY OF SATURATED CRYSTALLINE AND LIQUID HYDROCARBONS HAVING CARBON NUMBERS PREDOMINANTLY GREATER THAN C25.] (CAS 8009-03-8)			
Long-term, Systemic, Dermal	5,8 mg/kg		
Long-term, Systemic, Inhalation	2,7 mg/m3		

**Predicted no effect concentrations (PNECs)** Not available.

#### 8.2. Exposure controls

**Appropriate engineering controls** Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

#### Individual protection measures, such as personal protective equipment

**General information** Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Eye/face protection** Use eye protection conforming to EN 166.

##### **Skin protection**

**- Hand protection** When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through. Full contact: Glove material: nitrile. Use gloves with breakthrough time of 480 minutes. Minimum glove thickness 0.38 mm.

**- Other** Not available.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment. Chemical respirator with organic vapour cartridge.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**Hygiene measures** When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**Environmental exposure controls** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	Liquid.
<b>Form</b>	Aerosol
<b>Colour</b>	Amber.
<b>Odour</b>	Salicylate.
<b>Melting point/freezing point</b>	-56,6 °C (-69,9 °F) estimated
<b>Boiling point or initial boiling point and boiling range</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Flash point</b>	78,0 °C (172,4 °F) Closed cup
<b>Auto-ignition temperature</b>	> 200 °C (> 392 °F)
<b>Decomposition temperature</b>	Not available.
<b>pH</b>	Not applicable.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Emulsifies with water

<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	0,82 g/cm <sup>3</sup>
<b>Relative density temperature</b>	20 °C (68 °F)
<b>Particle characteristics</b>	Not available.

## 9.2 Other information

No relevant additional information available.

## Other safety characteristics

### Aerosol spray enclosed space

**Deflagration density** > 400 s/m<sup>3</sup>

**Aerosol spray ignition distance** 60 cm

**Chemical family** Lubricant

**Evaporation rate** Not available.

**Explosive properties** Not explosive.

**Oxidising properties** Not oxidising.

**VOC** 560 g/l

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>10.2. Chemical stability</b>	Material is stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>10.4. Conditions to avoid</b>	Avoid high temperatures.
<b>10.5. Incompatible materials</b>	Strong oxidising agents.
<b>10.6. Hazardous decomposition products</b>	Carbon oxides.

## SECTION 11: Toxicological information

**General information** Occupational exposure to the substance or mixture may cause adverse effects.

### Information on likely routes of exposure

**Inhalation** Prolonged inhalation may be harmful.

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

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

**Ingestion** May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

**Symptoms** Exposure may cause temporary irritation, redness, or discomfort.

### 11.1. Information on toxicological effects

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

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

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

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

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

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

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

**Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)**

Not listed.

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

**Specific target organ toxicity - single exposure** Based on available data, the classification criteria are not met.

**Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.

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

**Mixture versus substance information** Not available.

#### 11.2. Information on other hazards

**Endocrine disrupting properties** Not available.

**Other information** Not available.

### SECTION 12: Ecological information

**12.1. Toxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**12.2. Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

#### 12.3. Bioaccumulative potential

**Partition coefficient n-octanol/water (log K<sub>ow</sub>)** Not available.

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** No data available.

**12.5. Results of PBT and vPvB assessment** This mixture does not meet vPvB / PBT criteria of Regulation (EC) No 1907/2006, Annex XIII.

**12.6. Endocrine disrupting properties** Not available.

**12.7. Other adverse effects** The product contains volatile organic compounds which have a photochemical ozone creation potential.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Residual waste** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

**EU waste code** The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Disposal methods/information** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Special precautions** Dispose in accordance with all applicable regulations.

### SECTION 14: Transport information

#### ADR

**14.1. UN number** UN1950

**14.2. UN proper shipping name** AEROSOLS

#### 14.3. Transport hazard class(es)

**Class** 2.1

**Subsidiary risk** -

**Hazard No. (ADR)** Not available.

**Tunnel restriction code** (D)

**ADR/RID - Classification code:** 5F

**14.4. Packing group** Not applicable

**14.5. Environmental hazards** No.

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### IATA

**14.1. UN number** UN1950

**14.2. UN proper shipping name** AEROSOLS

#### 14.3. Transport hazard class(es)

**Class** 2.1

**Subsidiary risk** -

14.4. Packing group Not applicable  
 14.5. Environmental hazards No  
 14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

#### IMDG

14.1. UN number UN1950  
 14.2. UN proper shipping name AEROSOLS  
 14.3. Transport hazard class(es)  
     Class 2.1  
     Subsidiary risk -  
 14.4. Packing group Not applicable  
 14.5. Environmental hazards  
     Marine pollutant No  
 EmS F-D,S-U  
 14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

14.7. Maritime transport in bulk according to IMO instruments Not established.

ADR; IATA; IMDG



## SECTION 15: Regulatory information

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

#### EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended  
 Not listed.  
 Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended  
 Not listed.  
 Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended  
 Not listed.  
 Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended  
 Not listed.  
 Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended  
 Not listed.  
 Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended  
 Not listed.  
 Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended  
 Carbon dioxide (CAS 124-38-9)  
 Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA  
 Not listed.

#### Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended  
 Not listed.

#### Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended  
 Not listed.  
 Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.  
 Not listed.

## Other EU regulations

### Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

## Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

## National regulations

This safety data sheet conforms to the following laws, regulations and standards:  
This safety data sheet conforms to the following laws, regulations and standards:  
Act on the management of packaging and packaging waste of June 13, 2013  
Regulation of the Minister of Health of June 11, 2012 on the categories of dangerous substances and dangerous preparations whose packaging should be fitted with child-resistant closures and a tactile warning of danger  
REGULATION OF THE MINISTER OF HEALTH of February 2, 2011 on tests and measurements of factors harmful to health in working environments  
Regulation of Ministry of Labor and Social Policy of June 6, 2014. On the matter of maximum permissible concentrations and intensities of harmful factors in the work environment (Journal of Laws 2014, item. 817)  
Chemical Safety at Workplace Ordinance Joint Decree No. 25/2000 (Annex 2): Permissible limit values of biological exposure (effect) indices Decree No. 25/2000. (IX. 30.) EüM-SzCsM of the Minister of Health and the Minister of Social and Family Affairs on chemical safety at work  
Act No. 93 of 1993 on Labour Safety (1993.évi XCIII.), as amended  
Government Decree No. 220 of 2004 (VII. 21.) providing rules on the protection of surface waters quality  
Government Decree No. 98/2001 (VI. 15.), on the conditions of the activities related to hazardous waste, and Ministry of Environmental Affairs Decree No. 16/2001 (VII. 18.), on the register of waste  
s Public Act No. XXV of 2000 on Chemical Safety, and Application Decree No. 44/2000. (XII.27.) EüM [of the Ministry of Health]  
Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

## 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

### List of abbreviations

ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road.  
ATE: Acute Toxicity Estimate according to REGULATION (EC) No 1272/2008 (CLP).  
Ceiling: Short Term Exposure Limit Ceiling value.  
CLP: Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.  
GWP: Global Warming Potential.  
IATA: International Air Transport Association.  
MAK: Threshold limit values Germany (Maximale Arbeitsplatzkonzentration - DFG).  
REACH: Registration, Evaluation and Authorization of Chemicals (REGULATION (EC) No 1907/2006 concerning Registration, Evaluation Authorization and Restriction of Chemicals).  
RID: Regulations concerning the international carriage of dangerous goods by rail (Règlement International concernant le transport de marchandises dangereuses par chemin de fer).  
TLV: Threshold Limit Value.  
TWA: Time Weighted Average.  
VOC: Volatile organic compounds.  
STEL: Short-term Exposure Limit.  
Use category (UC62) (KT)  
02: Adhesives, binding agents  
07: Anti-static agents  
09: Cleaning/washing agents  
14: Corrosion inhibitors  
28: Fuel additives  
30: Hydraulic fluids and additives  
35: Lubricants and additives  
48: Solvents  
54: Welding and soldering agents  
55: Others  
56: Cutting fluids  
59: Paints, lacquers and varnishes

## References

Not available.

## Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

**Full text of any H-statements  
not written out in full under  
Sections 2 to 15**

H280 Contains gas under pressure; may explode if heated.  
H304 May be fatal if swallowed and enters airways.  
H319 Causes serious eye irritation.

**Revision information**

Product and Company Identification: Alternate Trade Names

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

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