



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	Industrial degreaser
Registration number	-
Synonyms	None.
Product code	BDS000273
Issue date	17-July-2020
Version number	01

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

Identified uses	Cleaners - Heavy duty
Uses advised against	None known.

1.3. Details of the supplier of the safety data sheet

Company name	CRC Industries Europe bvba
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 Center	+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.)

Netherlands National Poisons Information Center (NVIC)	030-274 88 88 (Only for the purpose of informing medical personnel in cases of acute intoxications)
Norway Norwegian Poison Information Center	22 59 13 00 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Romania Biroul RSI si Informare Toxicologica	021.318.36.06 (Available 8:00AM-3:00PM. SDS/Product information may not be available for the Emergency Service.)
Slovakia National Toxicological Information Center	+421 2 5477 4166 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Sweden National Poison Information Center	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 1		H222 - Extremely flammable aerosol. H229 - Pressurized container: May burst if heated.
Health hazards			
Specific target organ toxicity - single exposure	Category 3 narcotic effects		H336 - May cause drowsiness or dizziness.

Hazard summary

Aerosol CONTENTS UNDER PRESSURE.
Pressurised container may explode when exposed to heat or flame. May cause drowsiness or dizziness. Occupational exposure to the substance or mixture may cause adverse health effects.

2.2. Label elements

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

Contains: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Hazard pictograms



Signal word

Danger

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurized container: May burst if heated.
H336	May cause drowsiness or dizziness.

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.
P261	Avoid breathing mist/vapours.
P271	Use only outdoors or in a well-ventilated area.

Response

Not available.

Storage

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

Disposal

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

Supplemental label information

Regulation (EC) No 648/2004 on detergents: aliphatic hydrocarbons > 30 %
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, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	50 - 75	EC919-857-5 -	01-2119463258-33	-	
Classification: Flam. Liq. 3;H226, Asp. Tox. 1;H304, STOT SE 3;H336					
1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER	10 - 25	107-98-2 203-539-1	01-2119457435-35	603-064-00-3	#
Classification: Flam. Liq. 3;H226, STOT SE 3;H336					
2-Methoxy-1-methylethyl acetate	10 - 25	108-65-6 203-603-9	01-2119475791-29	607-195-00-7	#
Classification: Flam. Liq. 3;H226, STOT SE 3;H336					
Butan-2-ol	1 - 5	78-92-2 201-158-5	01-2119475146-36	603-127-00-5	
Classification: Flam. Liq. 3;H226, Eye Irrit. 2;H319, STOT SE 3;H335, STOT SE 3;H336					
Carbon dioxide	1 - 5	124-38-9 204-696-9	Exempt	-	#
Classification: Press. Gas;H280					

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

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison centre or doctor/physician if you feel unwell.

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

May cause drowsiness or dizziness. Headache. Nausea, vomiting.

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

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards

Extremely flammable aerosol.

5.1. Extinguishing media

Suitable extinguishing media

Alcohol resistant foam. 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	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
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.

6.4. Reference to other sections For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

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 breathing mist/vapours. 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).

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, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	TWA (MAK)	200 ppm
Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001		
Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	Ceiling	187 mg/m3
		50 ppm
	MAK	187 mg/m3
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	Ceiling	50 ppm
		550 mg/m3
	MAK	100 ppm
Butan-2-ol (CAS 78-92-2)	MAK	275 mg/m3
		50 ppm
	STEL	150 mg/m3
		50 ppm
		600 mg/m3
		200 ppm
Carbon dioxide (CAS 124-38-9)	Ceiling	18000 mg/m3

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

Components	Type	Value
		10000 ppm
	MAK	9000 mg/m ³
		5000 ppm

Belgium. Exposure Limit Values

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	369 mg/m ³
		100 ppm
	TWA	184 mg/m ³
		50 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	550 mg/m ³
		100 ppm
	TWA	275 mg/m ³
		50 ppm
Butan-2-ol (CAS 78-92-2)	TWA	307 mg/m ³
		100 ppm
Carbon dioxide (CAS 124-38-9)	STEL	54784 mg/m ³
		30000 ppm
	TWA	9131 mg/m ³
		5000 ppm

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

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m ³
		150 ppm
	TWA	375 mg/m ³
		100 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	550 mg/m ³
		100 ppm
	TWA	275 mg/m ³
		50 ppm
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m ³
		5000 ppm

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

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	MAC	375 mg/m ³
		100 ppm
	STEL	568 mg/m ³
		150 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	MAC	275 mg/m ³
		50 ppm

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

Components	Type	Value
Butan-2-ol (CAS 78-92-2)	STEL	550 mg/m3
		100 ppm
	MAC	308 mg/m3
		100 ppm
Carbon dioxide (CAS 124-38-9)	STEL	462 mg/m3
		150 ppm
	MAC	9000 mg/m3
		5000 ppm

Czech Republic. OELs. Government Decree 361 Components

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	Ceiling	550 mg/m3
	TWA	270 mg/m3
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	Ceiling	550 mg/m3
	TWA	270 mg/m3
Butan-2-ol (CAS 78-92-2)	Ceiling	600 mg/m3
	TWA	300 mg/m3
Carbon dioxide (CAS 124-38-9)	Ceiling	45000 mg/m3
	TWA	9000 mg/m3

Denmark. Exposure Limit Values Components

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	TLV	185 mg/m3
		50 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	TLV	275 mg/m3
		50 ppm
Butan-2-ol (CAS 78-92-2)	Ceiling	150 mg/m3
		50 ppm
Carbon dioxide (CAS 124-38-9)	TLV	9000 mg/m3
		5000 ppm

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18 September 2001)

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
		150 ppm
	TWA	375 mg/m3
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	550 mg/m3
		100 ppm
	TWA	275 mg/m3
Butan-2-ol (CAS 78-92-2)	STEL	250 mg/m3
		50 ppm

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18 September 2001)

Components	Type	Value
		75 ppm
	TWA	150 mg/m3
		50 ppm
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm

Finland. Workplace Exposure Limits

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	560 mg/m3
		150 ppm
	TWA	370 mg/m3
		100 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	550 mg/m3
		100 ppm
	TWA	270 mg/m3
		50 ppm
Butan-2-ol (CAS 78-92-2)	STEL	230 mg/m3
		75 ppm
	TWA	150 mg/m3
		50 ppm
Carbon dioxide (CAS 124-38-9)	TWA	9100 mg/m3
		5000 ppm

France

Components	Type	Value
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	STEL	1500 mg/m3
	TWA	1000 mg/m3

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

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	VLE	375 mg/m3
Regulatory status: Regulatory binding (VRC)		100 ppm
Regulatory status: Regulatory binding (VRC)	VME	188 mg/m3
Regulatory status: Regulatory binding (VRC)		50 ppm
Regulatory status: Regulatory binding (VRC)	VLE	550 mg/m3
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)		
Regulatory status: Regulatory binding (VRC)		100 ppm
Regulatory status: Regulatory binding (VRC)	VME	275 mg/m3
Regulatory status: Regulatory binding (VRC)		

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

Components	Type	Value
		50 ppm
Regulatory status: Regulatory binding (VRC)		
Butan-2-ol (CAS 78-92-2)	VME	300 mg/m3
Regulatory status: Indicative limit (VL)		
		100 ppm
Regulatory status: Indicative limit (VL)		
Carbon dioxide (CAS 124-38-9)	VME	9000 mg/m3
Regulatory status: Regulatory indicative (VRI)		
		5000 ppm
Regulatory status: Regulatory indicative (VRI)		

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

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	TWA	370 mg/m3
		100 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	TWA	270 mg/m3
		50 ppm
Carbon dioxide (CAS 124-38-9)	TWA	9100 mg/m3
		5000 ppm

Germany - TRGS 900

Components	Type	Value
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	TWA	600 mg/m3

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

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	AGW	370 mg/m3
		100 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	AGW	270 mg/m3
		50 ppm
Carbon dioxide (CAS 124-38-9)	AGW	9100 mg/m3
		5000 ppm

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

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	1080 mg/m3
		300 ppm
	TWA	360 mg/m3
		100 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	550 mg/m3
		100 ppm
	TWA	275 mg/m3

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

Components	Type	Value
Butan-2-ol (CAS 78-92-2)	STEL	50 ppm 450 mg/m3
	TWA	150 ppm 300 mg/m3
Carbon dioxide (CAS 124-38-9)	STEL	100 ppm 54000 mg/m3
	TWA	5000 ppm 9000 mg/m3 5000 ppm

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
	TWA	375 mg/m3
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	550 mg/m3
	TWA	275 mg/m3
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3

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

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
	TWA	150 ppm 185 mg/m3 50 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	550 mg/m3
	TWA	100 ppm 275 mg/m3 50 ppm
Butan-2-ol (CAS 78-92-2)	STEL	150 mg/m3 50 ppm
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3 5000 ppm

Ireland. Occupational Exposure Limits

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
	TWA	150 ppm 375 mg/m3 100 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	550 mg/m3
	TWA	100 ppm 275 mg/m3

Ireland. Occupational Exposure Limits Components

Type	Value
Butan-2-ol (CAS 78-92-2)	50 ppm
STEL	450 mg/m3
	150 ppm
TWA	300 mg/m3
	100 ppm
Carbon dioxide (CAS 124-38-9)	27000 mg/m3
STEL	
	15000 ppm
TWA	9000 mg/m3
	5000 ppm

Italy. Occupational Exposure Limits Components

Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	568 mg/m3
STEL	
	150 ppm
TWA	375 mg/m3
	100 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	550 mg/m3
STEL	
	100 ppm
TWA	275 mg/m3
	50 ppm
Butan-2-ol (CAS 78-92-2)	100 ppm
TWA	
Carbon dioxide (CAS 124-38-9)	9000 mg/m3
TWA	
	5000 ppm

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

Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	568 mg/m3
STEL	
	150 ppm
TWA	375 mg/m3
	100 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	550 mg/m3
STEL	
	100 ppm
TWA	275 mg/m3
	50 ppm
Butan-2-ol (CAS 78-92-2)	10 mg/m3
TWA	
Carbon dioxide (CAS 124-38-9)	9000 mg/m3
TWA	
	5000 ppm

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

Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	300 mg/m3
STEL	
	75 ppm
TWA	190 mg/m3

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

Components	Type	Value
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	50 ppm 400 mg/m3
	TWA	75 ppm 250 mg/m3
Butan-2-ol (CAS 78-92-2)	STEL	50 ppm 250 mg/m3
	TWA	75 ppm 150 mg/m3
Carbon dioxide (CAS 124-38-9)	TWA	50 ppm 9000 mg/m3
		5000 ppm

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

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
	TWA	150 ppm 375 mg/m3
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	100 ppm 550 mg/m3
	TWA	100 ppm 275 mg/m3
Carbon dioxide (CAS 124-38-9)	TWA	50 ppm 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
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
	TWA	150 ppm 375 mg/m3
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	100 ppm 550 mg/m3
	TWA	100 ppm 275 mg/m3
Carbon dioxide (CAS 124-38-9)	TWA	50 ppm 9000 mg/m3
		5000 ppm

Netherlands. OELs (binding)

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	563 mg/m3
	TWA	375 mg/m3

Netherlands. OELs (binding)

Components	Type	Value
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	TWA	550 mg/m3
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	TLV	180 mg/m3 50 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	TLV	270 mg/m3 50 ppm
Butan-2-ol (CAS 78-92-2)	Ceiling	75 mg/m3 25 ppm
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
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	360 mg/m3
	TWA	180 mg/m3
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	520 mg/m3
	TWA	260 mg/m3
Butan-2-ol (CAS 78-92-2)	STEL	450 mg/m3
	TWA	300 mg/m3
Carbon dioxide (CAS 124-38-9)	STEL	27000 mg/m3
	TWA	9000 mg/m3

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

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
		150 ppm
	TWA	375 mg/m3 100 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	550 mg/m3
		100 ppm
	TWA	275 mg/m3 50 ppm
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
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	100 ppm
	TWA	50 ppm
Butan-2-ol (CAS 78-92-2)	TWA	100 ppm
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
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
	TWA	150 ppm 375 mg/m3
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	100 ppm 550 mg/m3
	TWA	275 mg/m3 50 ppm
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3 5000 ppm

Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
	TWA	150 ppm 375 mg/m3
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	100 ppm 550 mg/m3
	TWA	275 mg/m3 50 ppm
Butan-2-ol (CAS 78-92-2)	TWA	310 mg/m3 100 ppm
	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
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	TWA	375 mg/m3
	TWA	100 ppm 275 mg/m3
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	TWA	50 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/m ³
		5000 ppm

Spain. Occupational Exposure Limits

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m ³
		150 ppm
	TWA	375 mg/m ³ 100 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	550 mg/m ³
		100 ppm
	TWA	275 mg/m ³ 50 ppm
Butan-2-ol (CAS 78-92-2)	TWA	308 mg/m ³ 100 ppm
Carbon dioxide (CAS 124-38-9)	TWA	9150 mg/m ³ 5000 ppm

Sweden

Components	Type	Value
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	STEL (STV)	300 ppm
	TWA	200 ppm

Sweden. OELs. Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2015:7)

Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	Ceiling	568 mg/m ³
		150 ppm
	STEL	300 mg/m ³ 75 ppm
	TWA	190 mg/m ³ 50 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	Ceiling	550 mg/m ³
		100 ppm
	TWA	275 mg/m ³ 50 ppm
Butan-2-ol (CAS 78-92-2)	STEL	250 mg/m ³ 75 ppm
	TWA	150 mg/m ³ 50 ppm
Carbon dioxide (CAS 124-38-9)	STEL	18000 mg/m ³ 10000 ppm
	TWA	9000 mg/m ³ 5000 ppm

Switzerland		
Components	Type	Value
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	TWA	50 ppm
Switzerland. SUVA Grenzwerte am Arbeitsplatz		
Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	720 mg/m3
		200 ppm
	TWA	360 mg/m3
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)		100 ppm
	STEL	275 mg/m3
	TWA	50 ppm
Butan-2-ol (CAS 78-92-2)		275 mg/m3
	STEL	600 mg/m3
	TWA	200 ppm
Carbon dioxide (CAS 124-38-9)		300 mg/m3
		100 ppm
	TWA	9000 mg/m3
		5000 ppm
UK. EH40 Workplace Exposure Limits (WELs)		
Components	Type	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	560 mg/m3
		150 ppm
	TWA	375 mg/m3
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)		100 ppm
	STEL	548 mg/m3
	TWA	100 ppm
Butan-2-ol (CAS 78-92-2)		274 mg/m3
	STEL	462 mg/m3
	TWA	150 ppm
Carbon dioxide (CAS 124-38-9)		308 mg/m3
	STEL	100 ppm
	TWA	27400 mg/m3
		15000 ppm
		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
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
		150 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
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	TWA	375 mg/m3 100 ppm
	STEL	550 mg/m3
	TWA	100 ppm
Carbon dioxide (CAS 124-38-9)	TWA	275 mg/m3 50 ppm
	TWA	9000 mg/m3
		5000 ppm

Biological limit values

Germany. TRGS 903, BAT List (Biological Limit Values)

Components	Value	Determinant	Specimen	Sampling Time
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	15 mg/l	1-Methoxyprop an-2-ol	Urine	*

* - For sampling details, please see the source document.

Switzerland. BAT-Werte (Biological Limit Values in the Workplace as per SUVA)

Components	Value	Determinant	Specimen	Sampling Time
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	20 mg/l	1-METHOXY PROPANOL-2	Urine	*

* - For sampling details, please see the source document.

Recommended monitoring procedures Follow standard monitoring procedures.

Derived no effect levels (DNELs)

General Population

Components	Value	Assessment factor	Notes
1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)			
Long-term, Systemic, Dermal	78 mg/kg bw/day	16,8	Repeated dose toxicity
Long-term, Systemic, Inhalation	43,9 mg/m3		Repeated dose toxicity
Long-term, Systemic, Oral	33 mg/kg bw/day	28	Repeated dose toxicity
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)			
Long-term, Local, Inhalation	33 mg/m3	2	respiratory tract irritation
Long-term, Systemic, Dermal	320 mg/kg bw/day	16,8	Repeated dose toxicity
Long-term, Systemic, Inhalation	33 mg/m3	2	respiratory tract irritation
Long-term, Systemic, Oral	36 mg/kg bw/day	28	Repeated dose toxicity
Butan-2-ol (CAS 78-92-2)			
Long-term, Systemic, Dermal	203 mg/kg bw/day	100	Repeated dose toxicity
Long-term, Systemic, Inhalation	213 mg/m3		Repeated dose toxicity
Long-term, Systemic, Oral	15 mg/kg bw/day	100	Repeated dose toxicity
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (CAS EC919-857-5)			
Long-term, Systemic, Dermal	300 mg/kg bw/day		
Long-term, Systemic, Inhalation	900 mg/m3		
Long-term, Systemic, Oral	300 mg/kg bw/day		

Workers

Components	Value	Assessment factor	Notes
1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)			
Long-term, Systemic, Dermal	183 mg/kg bw/day	10,08	Repeated dose toxicity
Long-term, Systemic, Inhalation	369 mg/m3		Repeated dose toxicity
Short-term, Local, Inhalation	553,5 mg/m3		Neurotoxicity
Short-term, Systemic, Inhalation	553,5 mg/m3		Neurotoxicity
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)			
Long-term, Systemic, Dermal	796 mg/kg bw/day	10,08	Repeated dose toxicity
Long-term, Systemic, Inhalation	275 mg/m3	6	respiratory tract irritation
Short-term, Local, Inhalation	550 mg/m3	3	respiratory tract irritation

Butan-2-ol (CAS 78-92-2)			
Long-term, Systemic, Dermal	405 mg/kg bw/day	50	Repeated dose toxicity
Long-term, Systemic, Inhalation	600 mg/m ³		Repeated dose toxicity
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (CAS EC919-857-5)			
Long-term, Systemic, Dermal	300 mg/kg bw/day		
Long-term, Systemic, Inhalation	1500 mg/m ³		

Predicted no effect concentrations (PNECs)

Components	Value	Assessment factor	Notes
1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)			
Freshwater	10 mg/l	100	
Intermittent releases	100 mg/l	10	
Marine water	1 mg/l	1000	
Sediment (freshwater)	52,3 mg/kg		
Sediment (marine water)	5,2 mg/kg		
Soil	4,59 mg/kg		
STP	100 mg/l	10	
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)			
Freshwater	0,635 mg/l	100	
Marine water	0,064 mg/l	1000	
Sediment (freshwater)	3,29 mg/kg		
Sediment (marine water)	0,329 mg/kg		
Soil	0,29 mg/kg		
STP	100 mg/l	10	
Butan-2-ol (CAS 78-92-2)			
Freshwater	47,1 mg/l	1	
Intermittent releases	47,1 mg/l	1	
Marine water	47,1 mg/l	1	
Secondary poisoning	1000 mg/kg	30	Oral
Sediment (freshwater)	196,19 mg/kg		
Sediment (marine water)	196,19 mg/kg		
Soil	11,58 mg/kg	1	
STP	761 mg/l	1	

Exposure guidelines

EU Exposure Limit Values: Skin designation

1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	Can be absorbed through the skin.
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	Can be absorbed through the skin.

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	Can be absorbed through the skin.
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	Can be absorbed through the skin.

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	Chemical respirator with organic vapour cartridge and full facepiece.
-------------------------------	---

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****Appearance**

Physical state	Liquid.
Form	Aerosol
Colour	Colourless.
Odour	Sweet ether-like.
Odour threshold	Not available.
pH	Not applicable.
Melting point/freezing point	-114 °C (-173,2 °F) estimated
Initial boiling point and boiling range	100 - 200 °C (212 - 392 °F)
Flash point	23,0 °C (73,4 °F) Closed cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	1,7 % estimated
Flammability limit - upper (%)	9,8 % estimated
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	0,81
Solubility(ies)	
Solubility (water)	Not available.
Solubility (other)	Insoluble in water
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	> 200 °C (> 392 °F)
Decomposition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2. Other information**Aerosol spray enclosed space**

Deflagration density	Not available.
Aerosol spray ignition distance	Not available.
Chemical family	Cleaner
Density	0,81 g/cm ³

SECTION 10: Stability and reactivity

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

SECTION 11: Toxicological information

General information	Not available.
----------------------------	----------------

Information on likely routes of exposure

Inhalation	May cause drowsiness or dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

Symptoms May cause drowsiness or dizziness. Headache. Nausea, vomiting.

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	May cause drowsiness or dizziness.
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.
Other information	Not available.

SECTION 12: Ecological information

12.1. Toxicity Based on available data, the classification criteria are not met for hazardous to the aquatic environment.

Components	Species		Test Results
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics			
Aquatic			
<i>Acute</i>			
Algae	EC50	Algae	> 1000 mg/l, 72 h
Crustacea	EC50	Daphnia	> 1000 mg/l, 48 h
Fish	LC50	Rainbow trout	> 1000 mg/l, 96 h
<i>Chronic</i>			
Crustacea	NOEC	Daphnia	0,23 mg/l, 21 days
Fish	NOEC	Rainbow trout	0,131 mg/l, 28 days

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 Kow)

Butan-2-ol 0,61

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

12.7. Additional information

Estonia Dangerous substances in soil Data

Butan-2-ol (CAS 78-92-2)

Chemical pesticides (As the total sum of the active substances)
0,5 mg/kg

Chemical pesticides (As the total sum of the active substances) 20
mg/kg

Chemical pesticides (As the total sum of the active substances) 5
mg/kg

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, flammable
14.3. Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Hazard No. (ADR)	Not available.
Tunnel restriction code	D
14.4. Packing group	Not available.
14.3. Transport hazard class(es)	
ADR/RID - Classification code:	5F
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, flammable
14.3. Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
14.4. Packing group	Not available.
14.5. Environmental hazards	no
ERG Code	10L
14.6. Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.

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 available.
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. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	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

1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)

2-Methoxy-1-methylethyl acetate (CAS 108-65-6)

Butan-2-ol (CAS 78-92-2)

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

TWA: Time Weighted Average Value.
STEL: Short-Term Exposure Limit.
Ceiling: Short Term Exposure Limit Ceiling value.
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

H226 Flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

Revision information

None.

Training information

Follow training instructions when handling this material.

Disclaimer

CRC Industries Europe bvba cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.