

## 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 FG
Registration number	-
Synonyms	None.
Product code	BDS001003
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 UK Ltd.
Address	Wylds Road Castlefield Industrial Estate TA6 4DD Bridgwater Somerset United Kingdom
Telephone	+44 1278 727200
Fax	+44 1278 425644
E-mail	hse.uk@crcind.com
Website	www.crcind.com

1.4. Emergency telephone number	Tel.:(+44)(0)1278 72 7200 (office hours)
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## 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

Flammable liquids	Category 3	H226 - Flammable liquid and vapour.
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#### Health hazards

Specific target organ toxicity - single exposure	Category 3 narcotic effects	H336 - May cause drowsiness or dizziness.
Aspiration hazard	Category 1	H304 - May be fatal if swallowed and enters airways.

#### Hazard summary

May be ignited by heat, sparks or flames. May be fatal if swallowed and enters airways. 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
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#### Hazard pictograms



Signal word	Danger
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#### Hazard statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
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.
P261	Avoid breathing mist/vapours.
P271	Use only outdoors or in a well-ventilated area.

### Response

P301 + P310	IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
P331	Do NOT induce vomiting.

### Storage

P405	Store locked up.
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### Disposal

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
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**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	-	
<b>Classification:</b> 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	#
<b>Classification:</b> 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	#
<b>Classification:</b> 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	
<b>Classification:</b> Flam. Liq. 3;H226, Eye Irrit. 2;H319, STOT SE 3;H335, STOT SE 3;H336					

#### 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

Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

#### 4.1. Description of first aid measures

<b>Inhalation</b>	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.
<b>Skin contact</b>	Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Call a physician or poison control centre immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**4.2. Most important symptoms and effects, both acute and delayed** Aspiration may cause pulmonary oedema and pneumonitis. May cause drowsiness or dizziness. Headache. Nausea, vomiting. Direct contact with eyes may cause temporary irritation.

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

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

### SECTION 5: Firefighting measures

#### General fire hazards

Flammable liquid and vapour.

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

##### 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

Vapours may form explosive mixtures with air. Vapours may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

#### 5.3. Advice for firefighters

##### Special protective equipment for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

##### Special fire fighting procedures

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

#### Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

### 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. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). 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. Wear appropriate protective equipment and clothing during clean-up.

#### 6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

#### 6.3. Methods and material for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

#### 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

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist/vapours. Avoid prolonged exposure. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

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

Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. 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****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 100 ppm
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	548 mg/m3
		100 ppm
	TWA	274 mg/m3 50 ppm
Butan-2-ol (CAS 78-92-2)	STEL	462 mg/m3
		150 ppm
	TWA	308 mg/m3 100 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
	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

**Biological limit values** No biological exposure limits noted for the ingredient(s).**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/m3		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/m3		

## 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

### UK EH40 WEL: 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.

## 8.2. Exposure controls

<b>Appropriate engineering controls</b>	Explosion-proof general and local exhaust ventilation. 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.
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## Individual protection measures, such as personal protective equipment

<b>General information</b>	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.
<b>Eye/face protection</b>	Use eye protection conforming to EN 166.
<b>Skin protection</b>	
- 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: Nitril. Use gloves with breakthrough time of 480 minutes. Minimum glove thickness 0.38 mm.

<b>- Other</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	Chemical respirator with organic vapour cartridge and full facepiece.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>Hygiene measures</b>	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.
<b>Environmental exposure controls</b>	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

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Characteristic odor.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not applicable.
<b>Melting point/freezing point</b>	-114 °C (-173.2 °F) estimated
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	23.0 °C (73.4 °F) Closed cup
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.

#### Upper/lower flammability or explosive limits

<b>Flammability limit - lower (%)</b>	1.7 % estimated
<b>Flammability limit - upper (%)</b>	9.8 % estimated
<b>Explosive limit - lower ( % ) temperature</b>	Not available.
<b>Explosive limit - upper ( % ) temperature</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	0.81 g/cm3
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Solubility (other)</b>	Insoluble in water
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	> 200 °C (> 392 °F)
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not explosive.
<b>Oxidising properties</b>	Not oxidising.

### 9.2. Other information

#### Aerosol spray enclosed space

<b>Deflagration density</b>	Not applicable.
<b>Aerosol spray ignition distance</b>	Not applicable.
<b>Chemical family</b>	Cleaner

## 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.
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<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 heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>10.5. Incompatible materials</b>	Strong acids. Strong oxidising agents.
<b>10.6. Hazardous decomposition products</b>	Carbon oxides.

## SECTION 11: Toxicological information

<b>General information</b>	Not available.
<b>Information on likely routes of exposure</b>	
<b>Inhalation</b>	May cause drowsiness or dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
<b>Skin contact</b>	No adverse effects due to skin contact are expected.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
<b>Symptoms</b>	Aspiration may cause pulmonary oedema and pneumonitis. May cause drowsiness or dizziness. Headache. Nausea, vomiting.

### 11.1. Information on toxicological effects

<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.
<b>Serious eye damage/eye irritation</b>	Based on available data, the classification criteria are not met.
<b>Respiratory sensitisation</b>	Based on available data, the classification criteria are not met.
<b>Skin sensitisation</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - single exposure</b>	May cause drowsiness or dizziness.
<b>Specific target organ toxicity - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.
<b>Mixture versus substance information</b>	Not available.
<b>Other information</b>	Not available.

## SECTION 12: Ecological information

<b>12.1. Toxicity</b>	Based on available data, the classification criteria are not met for hazardous to the aquatic environment.
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Components	Species		Test Results
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics			
Aquatic			
Acute			
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
Chronic			
Crustacea	NOEC	Daphnia	0.23 mg/l, 21 days
Fish	NOEC	Rainbow trout	0.131 mg/l, 28 days

<b>12.2. Persistence and degradability</b>	No data is available on the degradability of any ingredients in the mixture.
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### 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** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Residual waste</b>	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).
<b>Contaminated packaging</b>	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.
<b>EU waste code</b>	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Disposal methods/information</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Special precautions</b>	Dispose in accordance with all applicable regulations.

## SECTION 14: Transport information

### ADR

<b>14.1. UN number</b>	UN1993
<b>14.2. UN proper shipping name</b>	FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, 1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER)
<b>14.3. Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	3
<b>Hazard No. (ADR)</b>	30
<b>Tunnel restriction code</b>	D/E
<b>14.4. Packing group</b>	III
<b>14.3. Transport hazard class(es)</b>	
<b>ADR/RID - Classification code:</b>	F1
<b>14.5. Environmental hazards</b>	No.
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

### IATA

<b>14.1. UN number</b>	UN1993
<b>14.2. UN proper shipping name</b>	Flammable liquid, n.o.s. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, 1-methoxy-2-propanol; monopropylene glycol methyl ether)
<b>14.3. Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>14.4. Packing group</b>	III
<b>14.5. Environmental hazards</b>	No
<b>ERG Code</b>	3L
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed with restrictions.
<b>Cargo aircraft only</b>	Allowed with restrictions.

### IMDG

<b>14.1. UN number</b>	UN1993
<b>14.2. UN proper shipping name</b>	FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, 1-methoxy-2-propanol; monopropylene glycol methyl ether)
<b>14.3. Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-



<b>14.4. Packing group</b>	III
<b>14.5. Environmental hazards</b>	
<b>Marine pollutant</b>	No
<b>EmS</b>	F-E, <u>S</u> -E
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not established.
<b>ADR; IATA; IMDG</b>	



## 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**

Not listed.

**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

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

## SECTION 16: Other information

### List of abbreviations

Ceiling: Short Term Exposure Limit Ceiling value.  
STEL: Short-Term Exposure Limit.  
TWA: Time Weighted Average Value.  
TLV: Threshold Limit Value.  
MAC = Maximum Allowable Concentration.  
ATP: Adaptation to Technical Progress (ATP) to the CLP Regulation.  
UEL: Upper Explosion Limit.  
ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road.  
IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.  
SCL: Specific concentration limit.  
GCL: General concentration limit.  
CSR: Chemical Safety Report.  
LD50: Lethal Dose 50%.  
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.  
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 UK Limited 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.