



# 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	FLUID 101
Registration number	-
UFI:	D03X-K8MP-T00G-QDS6
Synonyms	None.
Product code	BDS000626AE
Issue date	23-April-2021
Version number	1.1
Revision date	14-March-2022
Supersedes date	23-April-2021

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

Identified uses	Cleaners - Precision
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 hse@crcind.com www.crcind.com
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: 9-17h CET)

## 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

<b>Physical hazards</b>		
Aerosols	Category 1	H222 - Extremely flammable aerosol. H229 - Pressurized container: May burst if heated.
<b>Health hazards</b>		
Skin corrosion/irritation	Category 2	H315 - Causes skin irritation.
Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.
Specific target organ toxicity - single exposure	Category 3 narcotic effects	H336 - May cause drowsiness or dizziness.

### 2.2. Label elements

Material name: FLUID 101 - Kontakt chemie - Europe  
BDS000626AE Version #: 1.1 Revision date: 14-March-2022 Issue date: 23-April-2021

**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.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 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 assigned.

**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**

EUH208 - Contains Calcium petroleum sulfonate, Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts, Benzenesulfonic acid, di-C10-18-alkyl derivatives, calcium salts. May produce an allergic reaction.

**2.3. Other hazards**

This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**SECTION 3: Composition/information on ingredients****Mixture****General information**

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	75 - 100	EC919-857-5 919-857-5	01-2119463258-33	-	
<b>Classification:</b> Flam. Liq. 3;H226, STOT SE 3;H336, Asp. Tox. 1;H304					
3-butoxypropan-2-ol; propylene glycol monobutyl ether	5 - 10	5131-66-8 225-878-4	01-2119475527-28	603-052-00-8	
<b>Classification:</b> Skin Irrit. 2;H315, Eye Irrit. 2;H319					
Carbon dioxide	1 - 5	124-38-9 204-696-9	-	-	#
<b>Classification:</b> Press. Gas;H280					
Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts	<1	68584-23-6 271-529-4	01-2119492627-25	-	
<b>Classification:</b> Skin Sens. 1B;H317					
Benzenesulfonic acid, di-C10-18-alkyl derivatives, calcium salts	<1	93820-57-6 298-637-4	-	-	
<b>Classification:</b> Skin Sens. 1;H317					
Calcium petroleum sulfonate	<1	61789-86-4 263-093-9	01-2119488992-18	-	
<b>Classification:</b> Skin Sens. 1;H317					

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

#: This substance has been assigned Union workplace exposure limit(s).

ATE: Acute toxicity estimate.

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** Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Ingestion** In the unlikely event of swallowing contact a physician or poison control centre. Rinse mouth.

**4.2. Most important symptoms and effects, both acute and delayed** May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

**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** Water fog. 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** 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 protective equipment and clothing during clean-up. Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.

**For emergency responders** Keep unnecessary personnel away. Avoid breathing mist/vapours. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. 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. The product is immiscible with water and will spread on the water surface. 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 contact with eyes, skin, and clothing. 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

##### UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	STEL	27400 mg/m <sup>3</sup>
		15000 ppm
	TWA	9150 mg/m <sup>3</sup>
		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)

##### General Population

Components	Value	Assessment factor	Notes
3-butoxypropan-2-ol; propylene glycol monobutyl ether (CAS 5131-66-8)			
Long-term, Systemic, Dermal	22 mg/kg bw/day	28	Repeated dose toxicity
Long-term, Systemic, Inhalation	43 mg/m <sup>3</sup>	7	Repeated dose toxicity
Long-term, Systemic, Oral	12.5 mg/kg bw/day	28	Repeated dose toxicity
Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts (CAS 68584-23-6)			
Long-term, Local, Dermal	0.513 mg/cm <sup>2</sup>	10	Skin Sensitisation
Long-term, Systemic, Inhalation	2.9 mg/m <sup>3</sup>	150	Repeated dose toxicity
Calcium petroleum sulfonate (CAS 61789-86-4)			
Long-term, Local, Dermal	0.513 mg/cm <sup>2</sup>	10	Skin Sensitisation
Long-term, Systemic, Inhalation	2.9 mg/m <sup>3</sup>	150	Repeated dose toxicity
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (CAS EC919-857-5)			
Long-term, Systemic, Dermal	300 mg/kg		
Long-term, Systemic, Inhalation	900 mg/m <sup>3</sup>		
Long-term, Systemic, Oral	300 mg/kg		

##### Workers

Components	Value	Assessment factor	Notes
3-butoxypropan-2-ol; propylene glycol monobutyl ether (CAS 5131-66-8)			
Long-term, Systemic, Dermal	52 mg/kg bw/day	16.8	Repeated dose toxicity
Long-term, Systemic, Inhalation	147 mg/m <sup>3</sup>	4.2	Repeated dose toxicity
Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts (CAS 68584-23-6)			
Long-term, Local, Dermal	1.03 mg/cm <sup>2</sup>	5	Skin Sensitisation
Long-term, Systemic, Inhalation	11.75 mg/m <sup>3</sup>	75	Repeated dose toxicity
Calcium petroleum sulfonate (CAS 61789-86-4)			
Long-term, Local, Dermal	1.03 mg/cm <sup>2</sup>	5	Skin Sensitisation
Long-term, Systemic, Inhalation	11.75 mg/m <sup>3</sup>	75	Repeated dose toxicity
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (CAS EC919-857-5)			
Long-term, Systemic, Dermal	300 mg/kg		
Short-term, Systemic, Inhalation	1500 mg/m <sup>3</sup>		

Petrolatum (CAS 8009-03-8)	
Long-term, Systemic, Dermal	5.8 mg/kg
Long-term, Systemic, Inhalation	2.7 mg/m <sup>3</sup>

#### Predicted no effect concentrations (PNECs)

Components	Value	Assessment factor	Notes
3-butoxypropan-2-ol; propylene glycol monobutyl ether (CAS 5131-66-8)			
Freshwater	0.525 mg/l	1000	
Sediment (freshwater)	2.36 mg/kg		
Soil	0.16 mg/kg		

## 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. Provide eyewash station and safety shower.

### 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

Wear safety glasses with side shields (or goggles). 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. Suitable gloves can be recommended by the glove supplier. Full contact: Glove material: nitrile. Use gloves with breakthrough time of 480 minutes. Minimum glove thickness 0.38 mm.

##### - Other

Wear appropriate chemical resistant clothing.

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Chemical respirator with organic vapour cartridge and full facepiece. (Filter type A)

#### 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	Amber.

**Odour** Characteristic odor.

**Odour threshold** Not available.

**pH** Not applicable.

**Melting point/freezing point** -85 °C (-121 °F) estimated

**Initial boiling point and boiling range** Not available.

**Flash point** 41.0 °C (105.8 °F) Closed cup

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

#### Upper/lower flammability or explosive limits

**Flammability limit - lower (%)** 0.6 % estimated

**Flammability limit - upper (%)** 7 % estimated

**Vapour pressure** 2591.9 hPa estimated

**Vapour density** Not available.

Relative density	0.78 g/cm <sup>3</sup>
Relative density temperature	20 °C (68 °F)
<b>Solubility(ies)</b>	
Solubility (water)	Insoluble in water
Auto-ignition temperature	> 200 °C (> 392 °F)
Decomposition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
<b>9.2. Other information</b>	
VOC	705 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

<b>Inhalation</b>	May cause drowsiness or dizziness. Headache. Nausea, vomiting. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Skin contact</b>	Causes skin irritation. May cause an allergic skin reaction.
<b>Ingestion</b>	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. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

### 11.1. Information on toxicological effects

**Acute toxicity** Based on available data, the classification criteria are not met. Classification based on calculation method.

Components	Species	Test Results
3-butoxypropan-2-ol; propylene glycol monobutyl ether (CAS 5131-66-8)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg
<b>Inhalation</b>		
LC0	Rat	> 3.5 mg/l, 4 h
<b>Oral</b>		
LD50	Rat	3300 mg/kg
Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts (CAS 68584-23-6)		
<b>Acute</b>		
<b>Oral</b>		
LD50	Rat	> 20000 mg/kg
Calcium petroleum sulfonate (CAS 61789-86-4)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 4000 mg/kg
<b>Oral</b>		
LD50	Rat	> 16000 mg/kg

Components	Species	Test Results
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 5000 mg/kg
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
<b>Skin corrosion/irritation</b>	Causes skin irritation.	
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.	
<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>	Not likely, due to the form of the product.	
<b>Mixture versus substance information</b>	Not available.	
<b>Other information</b>	May cause allergic respiratory and skin reactions.	

## 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.

Components	Species	Test Results
3-butoxypropan-2-ol; propylene glycol monobutyl ether (CAS 5131-66-8)		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EC50	Algae > 1000 mg/l, 96 h
Fish	LC50	Fish > 560 - < 1000 mg/l, 96 h
Calcium petroleum sulfonate (CAS 61789-86-4)		
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50	Fish > 10000 mg/kg
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics		
<i>Acute</i>		
Other	LC50	Pseudokirchnerella subcapitata > 1000 mg/l, 72 h
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50	Oncorhynchus mykiss > 1000 mg/l
<b>12.2. Persistence and degradability</b>	No data is available on the degradability of any ingredients in the mixture.	
<b>12.3. Bioaccumulative potential</b>	No data available.	
<b>Partition coefficient n-octanol/water (log Kow)</b>	Not available.	
<b>Bioconcentration factor (BCF)</b>	Not available.	
<b>12.4. Mobility in soil</b>	No data available.	
<b>12.5. Results of PBT and vPvB assessment</b>	This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.	
<b>12.6. Other adverse effects</b>	The product contains volatile organic compounds which have a photochemical ozone creation potential.	

## 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. Do not re-use empty containers.
<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. Contents under pressure. Do not puncture, incinerate or crush. 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>	UN1950
<b>14.2. UN proper shipping name</b>	AEROSOLS
<b>14.3. Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Hazard No. (ADR)</b>	Not available.
<b>Tunnel restriction code</b>	(D)
<b>14.4. Packing group</b>	Not applicable
<b>14.5. Environmental hazards</b>	No
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

### RID

<b>14.1. UN number</b>	UN1950
<b>14.2. UN proper shipping name</b>	AEROSOLS, flammable
<b>14.3. Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	2.1
<b>14.4. Packing group</b>	Not available.
<b>14.5. Environmental hazards</b>	No.
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

### ADN

<b>14.1. UN number</b>	UN1950
<b>14.2. UN proper shipping name</b>	AEROSOLS, flammable
<b>14.3. Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	2.1
<b>14.4. Packing group</b>	Not available.
<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>	UN1950
<b>14.2. UN proper shipping name</b>	AEROSOLS
<b>14.3. Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>14.4. Packing group</b>	Not applicable
<b>14.5. Environmental hazards</b>	No
<b>14.6. Special precautions for user</b>	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. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not established.

ADN; ADR; IATA; IMDG; RID



## SECTION 15: Regulatory information

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

#### Retained direct 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**

3-butoxypropan-2-ol; propylene glycol monobutyl ether (CAS 5131-66-8)

#### 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.

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**

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.  
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road.  
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).  
ATE: Acute Toxicity Estimate according to REGULATION (EC) No 1272/2008 (CLP).  
CAS: Chemical Abstract Service.  
Ceiling: Short Term Exposure Limit Ceiling value.  
CEN: European Committee for Standardization.  
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.  
IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.  
IMDG: International Maritime Dangerous Goods.  
MAC: Maximum Allowed Concentration.  
MAK: Threshold limit values Germany (Maximale Arbeitsplatzkonzentration - DFG).  
MARPOL: International Convention for the Prevention of Pollution from Ships.  
PBT: Persistent, bioaccumulative and toxic.  
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).  
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.  
STEL: Short term exposure limit.  
TLV: Threshold Limit Value.  
TWA: Time Weighted Average.  
VLE: Exposure Limit Value.  
VME: Exposure Average Value.  
VOC: Volatile organic compounds.  
vPvB: Very persistent and very bioaccumulative.  
STEL: Short-term Exposure Limit.  
Not available.

**References**

**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.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

**Revision information**

Product and Company Identification: EU Poison Centre  
Composition / Information on Ingredients: Disclosure Overrides  
SECTION 3: Composition/information on ingredients: Component information  
SECTION 8: Exposure controls/personal protection: Eye/face protection  
SECTION 8: Exposure controls/personal protection: - Hand protection  
SECTION 8: Exposure controls/personal protection: Respiratory protection  
SECTION 12: Ecological information: Endocrine disrupting properties  
SECTION 15: Regulatory information: France  
SECTION 16: Other information: Disclaimer

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

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