



# SAFETY DATA SHEET

Version #: 1,1  
Issue date: 12-September-2022  
Revision date: 12-September-2022

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

### 1.1. Product identifier

**Trade name or designation of the mixture** DIESEL ADDITIVE

**Registration number** -

### Product registration number

**Denmark** PR-No 4232336

**Norway** P-316921

**Synonyms** None.

**Product code** BDS002245BU

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

**Identified uses** Additives

**Uses advised against** None known.

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

**Company name** CRC Industries Europe bv

**Address** Touwslagerstraat 1  
9240 Zele  
Belgium

**Telephone** +32(0)52/45.60.11

**Fax** +32(0)52/45.00.34

**E-mail** hse@crcind.com

**Website** www.crcind.com

**1.4. Emergency telephone number** Tel.: +32(0)52/45.60.11 (office hours: 9-17h CET)

**Austria National Poisons Information Centre** +431 406 4343 (Available 24 hours a day.)

**Belgium National Poisons Control Center** 070 245 245 (Available 24 hours a day.)

**Bulgaria National Toxicological Information Centre** +359 2 9154233 (Available 24 hours a day.)

**Czech Republic National Poisons Information Centre** +420 224 919 293, or +420 224 915 402 (Hours of operation not provided.)

**Denmark National Poisons Control Center** +45 82 12 12 12 (Available 24 hours a day.)

**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))

**Finland National Poison Information Center** (09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day.)

**France National Poisons Control Center** ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day.)

**Hungary National Emergency Phone Number** 36 80 20 11 99 (Available 24 hours a day.)

**Lithuania Neatidėliotina informacija apsinuodijus** +370 5 236 20 52 or +37068753378 (Hours of operation not provided.)

<b>Malta Accident and Emergency Department</b>	2545 4030 (Hours of operation not provided.)
<b>Netherlands National Poisons Information Center (NVIC)</b>	030-274 88 88 (Only for the purpose of informing medical personnel in cases of acute intoxications)
<b>Norway Norwegian Poison Information Center</b>	22 59 13 00 (Available 24 hours a day.)
<b>Portugal Poison Centre</b>	800 250 250 (Available 24 hours a day.)
<b>Romania Număr de telefon care poate fi apelat în caz de urgență:</b>	021 5992300, int. 291 Spitalul Clinic de Urgență București: spital@urgentafloreasca.ro
<b>Romania</b>	0265 212111, 0265 211292, 0265 217235 Spitalul Clinic Județean de Urgență Târgu Mureș: secretariat@spitjudms.ro
<b>Slovakia National Toxicological Information Centre</b>	+421 2 5477 4166 (Available 24 hours a day.)
<b>Sweden National Poison Information Center</b>	112 - and ask for Poison Information (Available 24 hours a day.)
<b>Switzerland Tox Info Suisse</b>	145 (Available 24 hours a day.)

## 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>Health hazards</b>		
Aspiration hazard	Category 1	H304 - May be fatal if swallowed and enters airways.

### 2.2. Label elements

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

**Contains:** Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics

#### Hazard pictograms



**Signal word** Danger

#### Hazard statements

H304 May be fatal if swallowed and enters airways.

#### Precautionary statements

##### Prevention

P102 Keep out of reach of children.

##### Response

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

##### Storage

P405 Store locked up.

##### Disposal

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

**Supplemental label information** EUH066 - Repeated exposure may cause skin dryness or cracking.

### 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 mixture does not contain any substances included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties at a concentration equal to or greater than 0.1% by weight.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	75 - 100	- 926-141-6	01-2119456620-43	-	
<b>Classification:</b> Asp. Tox. 1;H304 <b>Supplemental Hazard Statement(s):</b> EUH066					
2-ethylhexan-1-ol	1 - 5	104-76-7 203-234-3	01-2119487289-20	-	#
<b>Classification:</b> Acute Tox. 4;H312;(ATE: 1986 mg/kg bw), Skin Irrit. 2;H315, Eye Irrit. 2;H319, STOT SE 3;H335					
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	1 - 5	- 918-481-9	01-2119457273-39	-	
<b>Classification:</b> Asp. Tox. 1;H304					

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

ATE: Acute toxicity estimate.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

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

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** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact** Rinse with water. Get medical attention if irritation develops and persists.

**Ingestion** 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. 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. Keep victim under observation. Symptoms may be delayed.

## SECTION 5: Firefighting measures

**General fire hazards** Combustible liquid.

### 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** The product is combustible, and heating may generate vapours which may form explosive vapour/air mixtures. 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** Wear appropriate personal protective equipment.

**For emergency responders** Keep unnecessary personnel away. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see 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** 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.

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** Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. Avoid prolonged exposure. Provide adequate ventilation. 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. 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).  
Storage class (TRGS 510): 10 (Combustible liquids that cannot be assigned to any of the above storage classes)

**7.3. Specific end use(s)** Observe industrial sector guidance on best practices.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Austria

##### Components

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

##### Type

TWA (MAK)

##### Value

200 ppm

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

##### Components

2-ethylhexan-1-ol (CAS 104-76-7)

##### Type

Ceiling

##### Value

10,8 mg/m<sup>3</sup>

2 ppm

MAK

5,4 mg/m<sup>3</sup>

1 ppm

##### Belgium. Exposure Limit Values

##### Components

2-ethylhexan-1-ol (CAS 104-76-7)

##### Type

TWA

##### Value

5,4 mg/m<sup>3</sup>

1 ppm

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

##### Components

2-ethylhexan-1-ol (CAS 104-76-7)

##### Type

TWA

##### Value

5,4 mg/m<sup>3</sup>

1 ppm

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

##### Components

2-ethylhexan-1-ol (CAS 104-76-7)

##### Type

MAC

##### Value

5,4 mg/m<sup>3</sup>

1 ppm

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

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	Ceiling	11 mg/m3
	TWA	5,4 mg/m3

**Denmark. Exposure Limit Values**

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TLV	5,4 mg/m3
		1 ppm

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

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m3
		1 ppm

**Finland. Workplace Exposure Limits**

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m3
		1 ppm

**France. OELs. Indicative Occupational Exposure Limits as Prescribed by Order of 30 June 2004, as amended**

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	VME	5,4 mg/m3
		5,4 mg/m3
		1 ppm
		1 ppm

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

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	VME	5,4 mg/m3
		1 ppm
<b>Regulatory status:</b> Regulatory indicative (VRI)		
<b>Regulatory status:</b> Regulatory indicative (VRI)		

**Germany**

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

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

Components	Type	Value	Form
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	54 mg/m3	Vapour and aerosol.
		10 ppm	Vapour and aerosol.

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

Components	Type	Value	Form
2-ethylhexan-1-ol (CAS 104-76-7)	AGW	54 mg/m3	Vapour and aerosol.
		10 ppm	Vapour and aerosol.

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

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m3
		1 ppm

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

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>

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

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>
		1 ppm

**Ireland. Occupational Exposure Limits**

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>
		1 ppm

**Italy. Occupational Exposure Limits**

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>
		1 ppm

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

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>
		1 ppm

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

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>
		1 ppm

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

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>
		1 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
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>
		1 ppm

**Netherlands Components**

Components	Type	Value
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	TWA (MAC)	1200 mg/m <sup>3</sup>

**Netherlands. OELs (binding)**

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>

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

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	STEL	54 mg/m <sup>3</sup>
		10 ppm
	TLV	5,4 mg/m <sup>3</sup>

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

Components	Type	Value
		1 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
2-ethylhexan-1-ol (CAS 104-76-7)	STEL	10,8 mg/m <sup>3</sup>
	TWA	5,4 mg/m <sup>3</sup>

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

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>
		1 ppm

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

Components	Type	Value	Form
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>	Gaseous and vapor
		1 ppm	Gaseous and vapor

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

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>
		1 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
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>
		1 ppm

**Spain. Occupational Exposure Limits**

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>
		1 ppm

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

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>
		1 ppm

**Switzerland. SUVA Grenzwerte am Arbeitsplatz**

Components	Type	Value	Form
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>	Vapour and aerosol.
		1 ppm	Vapour and aerosol.

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

Components	Type	Value
2-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>
		1 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-ethylhexan-1-ol (CAS 104-76-7)	TWA	5,4 mg/m <sup>3</sup>

Components	Type	Value
		1 ppm
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).	
<b>Recommended monitoring procedures</b>	Follow standard monitoring procedures.	
<b>Derived no effect levels (DNELs)</b>	Not available.	
<b>Predicted no effect concentrations (PNECs)</b>	Not available.	
<b>8.2. Exposure controls</b>		
<b>Appropriate engineering controls</b>	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.	
<b>Individual protection measures, such as personal protective equipment</b>		
<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>	Wear safety glasses with side shields (or goggles). Use eye protection conforming to EN 166.	
<b>Skin protection</b>		
<b>- Hand protection</b>	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. Nitrile gloves are recommended.	
<b>- Other</b>	Wear suitable protective clothing.	
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment. Chemical respirator with organic vapour cartridge. (Filter type A)	
<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

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Colour</b>	Brown.
<b>Odour</b>	Characteristic odor.
<b>Melting point/freezing point</b>	-76 °C (-104,8 °F) estimated
<b>Boiling point or initial boiling point and boiling range</b>	Not available.
<b>Flammability</b>	Not available.
<b>Flash point</b>	65,0 °C (149,0 °F) Closed cup
<b>Auto-ignition temperature</b>	> 200 °C (> 392 °F)
<b>Decomposition temperature</b>	Not available.
<b>pH</b>	Not applicable.
<b>Kinematic viscosity</b>	Not available.
<b>Solubility</b>	
<b>Solubility (water)</b>	Insoluble in water
<b>Partition coefficient (n-octanol/water) (log value)</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Density and/or relative density</b>	
<b>Relative density</b>	0,81 g/cm <sup>3</sup> at 20°C



Vapour density Not available.

Particle characteristics Not available.

## 9.2. Other information

9.2.1. Information with regard to physical hazard classes No relevant additional information available.

### 9.2.2. Other safety characteristics

#### Aerosol spray enclosed space

Deflagration density Not applicable.

Aerosol spray ignition distance Not applicable.

Evaporation rate Not available.

Heat of combustion Not available.

VOC 785 g/l

## 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 heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5. Incompatible materials Strong oxidising agents.

10.6. Hazardous decomposition products Not available.

## SECTION 11: Toxicological information

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

### Information on likely routes of exposure

Inhalation Prolonged inhalation may be harmful.

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

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

Ingestion Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Symptoms Aspiration may cause pulmonary oedema and pneumonitis.

### 11.1. Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways.

Product	Species	Test Results
DIESEL ADDITIVE		
<u>Acute</u>		
Dermal		
ATEmix		177410 mg/kg bw
<u>Components</u>		
<u>Species</u>		
<u>Test Results</u>		
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 5000 mg/kg
Oral		
LD50	Rat	> 5000 mg/kg
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 5000 mg/kg
Inhalation		
LC50	Rat	> 5000 mg/m <sup>3</sup> , 8 h
Oral		
LD50	Rat	> 5000 mg/kg

<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.

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

Not listed.

<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - single exposure</b>	Based on available data, the classification criteria are not met.
<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.

**11.2. Information on other hazards**

**Endocrine disrupting properties** This mixture does not contain any substances having endocrine disrupting properties with respect to human health as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.

**Other information** Not available.

**SECTION 12: Ecological information**

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

Components	Species	Test Results	
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics			
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Daphnia	1000 mg/l, 48 h
Fish	LC50	Oncorhynchus mykiss	1000 mg/l, 96 h

**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)**  
2-ethylhexan-1-ol 2,73

**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 contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.

**12.6. Endocrine disrupting properties** This mixture does not contain any substances having endocrine disrupting properties with respect to the environment as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.

**12.7. 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**

**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.

<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

14.1. - 14.6.: Not regulated as dangerous goods.

### IATA

14.1. - 14.6.: Not regulated as dangerous goods.

### IMDG

14.1. - 14.6.: Not regulated as dangerous goods.

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

## 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**

Not listed.

#### Other regulations

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

#### National regulations

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 statements, which are not written out in full under sections 2 to 15

H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
EUH066 Repeated exposure may cause skin dryness or cracking.

## Revision information

Product and Company Identification: Alternate Trade Names  
SECTION 2: Hazards identification: Prevention  
SECTION 2: Hazards identification: Supplemental label information  
Composition / Information on Ingredients: Disclosure Overrides  
SECTION 7: Handling and storage: 7.2. Conditions for safe storage, including any incompatibilities  
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  
Transport Information: Material Transportation Information  
HazReg Data: Europe - EU

## 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. Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.