



# Diesel Antifreeze

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 31/08/2020 Revision date: 26/10/2022 Supersedes version of: 31/08/2020 Version: 2.0

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

#### 1.1. Product identifier

Product form : Mixture  
Name : Diesel Antifreeze  
UFI : RNW6-X00U-5001-D0T8  
Product code : 025  
Article number : 02500

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Consumer use  
Professional use.  
Function or use category : Fuel additives

##### 1.2.2. Uses advised against

No additional information available

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

BARD AHL NL - OCD NEDERLAND BV  
Maxwellstraat 41  
3316 GP Dordrecht  
Nederland  
T 0031 78 651 2322 - F 0031 78 617 4848  
[mjkooijman@bardahl.nl](mailto:mjkooijman@bardahl.nl) - [www.bardahl.nl](http://www.bardahl.nl)

#### 1.4. Emergency telephone number

Emergency number : +31 (0) 6 54924171  
During office hours: 8.30 t/m 17:00 h

Country	Official advisory body	Address	Emergency number	Comment
	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA	0344 892 0111	Only for healthcare professionals

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 3 H226  
Specific target organ toxicity – Single exposure, Category 3, H335  
Respiratory tract irritation  
Specific target organ toxicity – Single exposure, Category 3, H336  
Narcosis  
Aspiration hazard, Category 1 H304  
Hazardous to the aquatic environment – Chronic Hazard, H411  
Category 2  
Full text of H- and EUH-statements: see section 16

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### Adverse physicochemical, human health and environmental effects

May be harmful in contact with skin. Toxic to aquatic life.

## 2.2. Label elements

### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS02

GHS07

GHS08

GHS09

Signal word (CLP)

: Danger

Contains

: Hydrocarbons, C9, aromatics; Solvent naphtha (petroleum), heavy aromatic

Hazard statements (CLP)

: H226 - Flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H335 - May cause respiratory irritation.

H336 - May cause drowsiness or dizziness.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 - Do NOT induce vomiting.

P370+P378 - In case of fire: Use dry sodium carbonate for extinction.

P210 - Keep away from heat, sparks, open flames, hot surfaces. – No smoking.

P273 - Avoid release to the environment.

P501 - Dispose of contents/container in an approved waste disposal plant.

EUH-statements

: EUH066 - Repeated exposure may cause skin dryness or cracking.

Extra phrases

: This product requires child resistant fastenings when supplied to the general public unless the product is placed on the market in the form of aerosols or in a container with a sealed spray attachment.

## 2.3. Other hazards

Other hazards which do not result in classification

: May be harmful in contact with skin. Toxic to aquatic life. May be harmful if swallowed. Causes mild skin irritation.

PBT: not relevant – no registration required

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9, aromatics	EC-No.: 918-668-5 REACH-no: 01-2119455851-35	50 – 100	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Solvent naphtha (petroleum), heavy aromatic	CAS-No.: 64742-94-5 EC-No.: 265-198-5 EC Index-No.: 649-424-00-3 REACH-no: 01-2119463588-24	5 – 10	Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Seek medical attention immediately. Remove ignition sources. Equip rescue crew with proper protection.
First-aid measures after inhalation	: Obtain emergency medical attention. Allow affected person to breathe fresh air.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Rub greasy cream into the skin.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: Respiratory complaints. May cause drowsiness or dizziness. Prolonged or repeated contact may cause skin to become dry or cracked. Cough.
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### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Aspiration hazard. Keep the victim warm. Allow the victim to rest.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Alcohol resistant foam. Dry chemical. Carbon dioxide. Water haze. Move containers from fire area if it can be done without personal risk. Water may be ineffective in firefighting due to low solubility.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Flammable liquid and vapour.
Explosion hazard	: Vapour could travel to source of ignition and flash back. Vapour explosion hazard indoors, outdoors and in sewers. Runoff could create fire or explosion hazard. Collect contaminated extinguishing water separately and must not enter the sewage system. Toxic to aquatic life with long lasting effects.
Hazardous decomposition products in case of fire	: Carbon dioxide. Carbon monoxide. Nitrogen oxides.

### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Do not breathe gas, fumes, vapour or spray.
Other information	: Prevent fire fighting water from entering the environment.

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### SECTION 6: Accidental release measures

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

- General measures : May be dangerously slippery if spilled. Keep public away from danger area. Spray with water to reduce vapours.
- 6.1.1. For non-emergency personnel
- Emergency procedures : Evacuate unnecessary personnel.
- 6.1.2. For emergency responders
- Protective equipment : Equip cleanup crew with proper protection. Do not breathe gas/fumes/vapour/spray.
- Emergency procedures : Ventilate area. Keep away from sources of ignition - No smoking. Use special care to avoid static electric charges.

#### 6.2. Environmental precautions

Stop leak if safe to do so. Prevent runoff from entering water courses, sewers and basements.

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

- For containment : Dike the product for recovery.
- Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Use suitable disposal containers. Place spillage in an appropriate labeled container for disposal. Clean contaminated surface thoroughly.
- Other information : Wear suitable protective clothing. Prevent product from entering drains. Take precautionary measures against static discharge.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". Ecological information (Section 12). For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure adequate ventilation, especially in confined areas. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use only non-sparking tools. Use grounded electrical/mechanical equipment. Provide local exhaust or general room ventilation. Wear suitable protective clothing. Do not breathe gas, fumes, vapour or spray. Notify authorities if product enters sewers or public waters. Avoid contact with skin, eyes and clothing.
- Hygiene measures : Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing.

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

- Storage conditions : correctly labelled. Store in a well-ventilated place. Keep container tightly closed. Store in original container. Prevent soil and water pollution. Restrict access to stockrooms.
- Incompatible materials : heat. sparks. Open flame. Sources of ignition.
- Storage area : Provide for an automatic sprinkler system. Store in a well-ventilated place.

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

This information is provided in the present safety data sheet.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

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### Solvent naphtha (petroleum), heavy aromatic (64742-94-5)

#### EU - Indicative Occupational Exposure Limit (IOEL)

IOEL TWA	2000 mg/m <sup>3</sup>
IOEL TWA [ppm]	500 ppm

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Provide local exhaust or general room ventilation. Do not eat, drink or smoke when using this product.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

Safety glasses. Gloves. Protective clothing.

##### Personal protective equipment symbol(s):



##### 8.2.2.1. Eye and face protection

#### Eye protection

Type	Field of application	Characteristics	Standard
Safety glasses		With side shields	

##### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing.

#### Skin and body protection

Type	Standard
antistatic boots, Long sleeved protective clothing, Chemical resistant apron	

##### Hand protection:

Refer to manufacturer's information.

#### Hand protection

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Safety gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	>0.4		EN ISO 374

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### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Respiratory protection			
Device	Filter type	Condition	Standard
Self-contained breathing apparatus (SCBA)	Filtertype: ABEK1/ABEK2		

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Prevent entry to sewers and public waters.

#### Other information:

Wash clothing before re-using.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Yellow.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: > 140 °C
Flammability	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: ≈ 40 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Water: < 1 % 20°C
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: ≈ 0.882 g/cm <sup>3</sup> 20°C
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

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### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Heat. Sparks. Sources of ignition.

### 10.5. Incompatible materials

Acids. Bases. Oxidizing agent.

### 10.6. Hazardous decomposition products

Nitrogen oxides. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Additional information	: Symptoms include: Breathing difficulties. Coughing, sneezes Dizziness

#### Diesel Antifreeze

ATE CLP (oral)	3904 mg/kg
ATE CLP (dermal)	3325 mg/kg

#### Hydrocarbons, C9, aromatics

LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg

#### Solvent naphtha (petroleum), heavy aromatic (64742-94-5)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	> 5 mg/l/4h

Skin corrosion/irritation	: Prolonged or repeated contact may cause skin to become dry or cracked. Harmful in contact with skin. Causes mild skin irritation
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: May cause respiratory irritation.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation. May cause drowsiness or dizziness.

#### Hydrocarbons, C9, aromatics

STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.
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#### Solvent naphtha (petroleum), heavy aromatic (64742-94-5)

STOT-single exposure	May cause drowsiness or dizziness.
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STOT-repeated exposure	: Not classified
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Aspiration hazard	: May be fatal if swallowed and enters airways.
Additional information	: Potential for aspiration if swallowed May cause lung damage if swallowed. May cause : Pulmonary edema. Pneumonia

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

#### Hydrocarbons, C9, aromatics

LC50 - Fish [1]	9.2 mg/l (Oncorhynchus mykiss 96h)
EC50 - Crustacea [1]	1 – 10 mg/l
EC50 - Crustacea [2]	3.2 mg/l
ErC50 algae	2.9 mg/l (Pseudokirchneriella subcapitata 72h)
NOEC (acute)	1 mg/l (Pseudokirchneriella subcapitata 72h)

#### Solvent naphtha (petroleum), heavy aromatic (64742-94-5)

LC50 - Fish [2]	2.34 mg/l (Oncorhynchus mykiss)
EC50 - Crustacea [1]	0.95 mg/l
EC50 72h - Algae [2]	2.5 mg/l

### 12.2. Persistence and degradability

#### Hydrocarbons, C9, aromatics

Biodegradation	78 % (672h)
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#### Solvent naphtha (petroleum), heavy aromatic (64742-94-5)

Persistence and degradability	Not readily biodegradable.
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### 12.3. Bioaccumulative potential

#### Solvent naphtha (petroleum), heavy aromatic (64742-94-5)

Partition coefficient n-octanol/water (Log Pow)	2.9 – 6.1
Bioaccumulative potential	bioaccumulative.

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

#### Diesel Antifreeze

PBT: not relevant – no registration required



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### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Recycle after cleaning. Empty the packaging completely prior to disposal. Handle empty containers with care because residual vapours are flammable.
European List of Waste (LoW) code	: Waste codes should be assigned by the user based on the application for which the product was used.

## SECTION 14: Transport information

In accordance with / / / ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
UN 1268	UN 1268	UN 1268	UN 1268	UN 1268
<b>14.2. UN proper shipping name</b>				
PETROLEUM DISTILLATES, N.O.S.	PETROLEUM DISTILLATES, N.O.S.	Petroleum distillates, n.o.s.	PETROLEUM DISTILLATES, N.O.S.	PETROLEUM DISTILLATES, N.O.S.
<b>Transport document description</b>				
UN 1268 PETROLEUM DISTILLATES, N.O.S. (Hydrocarbons, C9, aromatics), 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1268 PETROLEUM DISTILLATES, N.O.S. (Hydrocarbons, C9, aromatics), 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1268 Petroleum distillates, n.o.s. (Hydrocarbons, C9, aromatics), 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1268 PETROLEUM DISTILLATES, N.O.S., 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1268 PETROLEUM DISTILLATES, N.O.S., 3, III, ENVIRONMENTALLY HAZARDOUS
<b>14.3. Transport hazard class(es)</b>				
3	3	3	3	3
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information available				
<b>14.6. Special precautions for user</b>				

### Overland transport

Classification code (ADR)	: F1
Special provisions (ADR)	: 664

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Limited quantities (ADR)	: 5L
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBF
Vehicle for tank carriage	: FL
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Operation (ADR)	: S2
Hazard identification number (Kemler No.)	: 30
Orange plates	:



Tunnel restriction code (ADR)	: D/E
EAC code	: 3YE

### Transport by sea

Special provisions (IMDG)	: 223, 955
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-E
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Immiscible with water.

### Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provisions (IATA)	: A3
ERG code (IATA)	: 3L

### Inland waterway transport

Classification code (ADN)	: F1
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 0

### Rail transport

Classification code (RID)	: F1
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBF

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Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W12  
Colis express (express parcels) (RID) : CE4  
Hazard identification number (RID) : 30

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes

Section	Changed item	Change	Comments
	Respiratory or skin sensitisation - comment	Added	
	Skin corrosion/irritation - comment	Added	
	Issue date	Modified	
1.1	Name	Modified	
2.2	Extra phrases	Added	
2.2	Precautionary statements (CLP)	Modified	
3	Composition/information on ingredients	Modified	

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Indication of changes			
Section	Changed item	Change	Comments
4.1	First-aid measures general	Modified	
4.2	Symptoms/effects	Modified	
5.1	Suitable extinguishing media	Modified	
5.2	Explosion hazard	Modified	
5.3	Other information	Modified	
6.2	Environmental precautions	Modified	
6.4	Reference to other sections (8, 13)	Modified	
8.2	Other information	Added	
8.2	Appropriate engineering controls	Modified	
8.2	Personal protective equipment	Added	
8.2	Skin and body protection	Modified	
9.1	Density	Modified	
9.1	Solubility in water	Modified	
10.4	Conditions to avoid	Modified	
11.1	ATE CLP (oral)	Added	
11.1	ATE CLP (dermal)	Added	
11.1	Additional information	Added	
11.1	Additional information	Added	
15.2	Chemical safety assessment	Modified	

### Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

### Other information

: Abbreviations and acronyms:

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

ICAO: International Civil Aviation Organization

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent.

Full text of H- and EUH-statements:	
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
EUH066	Repeated exposure may cause skin dryness or cracking.
Flam. Liq. 3	Flammable liquids, Category 3

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### Full text of H- and EUH-statements:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.