

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Trade name or designation of the mixture** HyGold 100E

**Registration number** 01-2119467170-45

**Synonyms** None.

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

**Identified uses** Metalworking Fluids, Industrial Lubricants, Grease Manufacturing, Hydraulic Oils, Gear Oils, Heavy Duty Engine Oil, Bar & Chain, Carriers & Diluents, Engine Oil.

**Uses advised against** None known.

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

**MANUFACTURER:** Ergon, Inc.  
P.O. Box 1639  
Jackson, MS 39181 USA

**EU Contact:** Ergon International, Inc.  
Drève Richelle 161 Building C  
B-1410 Waterloo, Belgium

**Emergency Phone****Numbers:****US Customer Service:**

+ 1-800-222-7122

**CHEMTREC:**

+ 1-800-424-9300 After Business Hours (North America)

+ 1-703-527-3887 (International)

See Section 15 for additional CHEMTREC Hotline Numbers

**E-mail:**

sds@ergon.com

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 as amended**

This substance does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

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

**Contains:** Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr

**Hazard pictograms** None.

**Signal word** None.

**Hazard statements** The mixture does not meet the criteria for classification.

**Precautionary statements**

**Prevention** Not available.

**Response** Not applicable.

**Storage** Not available.

**Disposal** Not applicable.

**Supplemental label information**

None.

**2.3. Other hazards**

None known.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

**General information**

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr	<=100	64742-52-5 265-155-0	01-2119467170-45	649-465-00-7	
<b>Classification:</b> -					L

**Composition comments** Note L - Not classified as a carcinogen. Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.

**SECTION 4: First aid measures**

**General information** Contact physician if discomfort continues.

**4.1. Description of first aid measures**

**Inhalation** Move to fresh air. Oxygen or artificial respiration if needed. IF exposed or concerned: Get medical advice/attention.

**Skin contact** Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation or an allergic skin reaction develops, get medical attention.

**Eye contact** Flush thoroughly with water. If irritation occurs, get medical assistance.

**Ingestion** Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a poison control centre immediately.

**4.2. Most important symptoms and effects, both acute and delayed** Defatting of the skin.

**4.3. Indication of any immediate medical attention and special treatment needed** Not available.

**SECTION 5: Firefighting measures**

**General fire hazards** Not established.

**5.1. Extinguishing media**

**Suitable extinguishing media** Halon. Dry chemicals. Foam. Carbon dioxide (CO<sub>2</sub>). Water spray or fog.

**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** No unusual fire or explosion hazards noted.

**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** Cool containers exposed to flames with water until well after the fire is out. Wear suitable protective equipment. Use pressurised air mask if product is involved in a fire.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel** Not available.

**For emergency responders** Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

**6.2. Environmental precautions**

Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewer, basements or confined areas. Avoid discharge to the aquatic environment. Contact local authorities in case of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the ground.

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

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. 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.

Never return spills in original containers for re-use.

For personal protection, see section 8 of the SDS. For waste disposal, see section 13.

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands after handling and before eating. Avoid prolonged exposure. All handling to take place in well-ventilated area. Shower after work. Remove and wash contaminated clothing promptly.

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

Store locked up. Keep away from heat, sparks and open flame.

### 7.3. Specific end use(s)

Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Belgium. Exposure Limit Values Components

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

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

Components	Type	Value
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	TWA	5 mg/m3

##### Czech Republic Material

Material	Type	Value
HyGold 100E	Ceiling	1000 mg/m3
	TWA	200 mg/m3

##### Denmark Material

Material	Type	Value	Form
HyGold 100E	TLV	1 mg/m3	Mist.

**Denmark. Exposure Limit Values**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	TLV	1 mg/m3	Mist.

**Finland**

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyGold 100E	TWA	5 mg/m3	Mist.

**Finland. Workplace Exposure Limits**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	TWA	5 mg/m3	Mist.

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

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	TWA	5 mg/m3	Mist.

**Hungary**

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyGold 100E	Ceiling	5 mg/m3	Mist.

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

<b>Components</b>	<b>Type</b>	<b>Value</b>
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	TWA	5 mg/m3

**Iceland**

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyGold 100E	TWA	1 mg/m3	Mist.

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

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	TWA	1 mg/m3	Mist.

**Ireland**

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyGold 100E	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Italy**

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyGold 100E	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Italy. Occupational Exposure Limits**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.

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

<b>Components</b>	<b>Type</b>	<b>Value</b>
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	TWA	5 mg/m3

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

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.

<b>Netherlands Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyGold 100E	TWA	5 mg/m3	Mist.
<b>Netherlands. OELs (binding) Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	TWA	5 mg/m3	Mist.
<b>Norway Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyGold 100E	TLV	1 mg/m3	Mist.
<b>Norway. Administrative Norms for Contaminants in the Workplace Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	TLV	1 mg/m3	Mist.
<b>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</b>			
<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.
		0 ppm	Inhalable fraction.
<b>Portugal Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyGold 100E	STEL	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol

**Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)**

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.

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

Components	Type	Value	
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	STEL	10 mg/m3	
	TWA	5 mg/m3	

**Slovakia**

Material	Type	Value	Form
HyGold 100E	TWA	1 mg/m3	Aerosol
		5 ppm	Aerosol

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

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	STEL	3 mg/m3	Fume and mist.
	TWA	15 ppm	Fume and mist.
		1 mg/m3	Fume and mist.
		5 ppm	Fume and mist.

**Spain**

Material	Type	Value	Form
HyGold 100E	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Spain. Occupational Exposure Limits**

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Sweden**

Material	Type	Value	Form
HyGold 100E	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.

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

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.

**Switzerland. SUVA Grenzwerte am Arbeitsplatz**

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.

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

**Recommended monitoring procedures** Not available.

**Derived no effect levels (DNELs)** Not available.

**Predicted no effect concentrations (PNECs)** Not available.

**8.2. Exposure controls**

**Appropriate engineering controls** Adequate ventilation should be provided whenever the material is heated or mists are generated.

**Individual protection measures, such as personal protective equipment**

**General information** Not available.

**Eye/face protection** Goggles/face shield are recommended.

**Skin protection**

**- Hand protection** Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.



<b>- Other</b>	Wear appropriate chemical resistant gloves. Chemical/oil resistant clothing is recommended. Launder contaminated clothing before reuse.
<b>Respiratory protection</b>	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Under normal conditions, respirator is not normally required.
<b>Thermal hazards</b>	Not available.
<b>Hygiene measures</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.
<b>Environmental exposure controls</b>	Not available.

## 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>	Amber
<b>Odour</b>	Mild Petroleum Odor
<b>Melting point/freezing point</b>	< -28,89 °C (< -20 °F) ASTM D 5949/ ISO 3016
<b>Boiling point or initial boiling point and boiling range</b>	> 315,56 °C (> 600 °F) ASTM D 2887/ ISO 3294
<b>Flammability</b>	Not available.
<b>Flash point</b>	> 162,8 °C (> 325,0 °F) Cleveland open cup ASTM D 92/ ISO 2592
<b>Auto-ignition temperature</b>	> 315,56 °C (> 600 °F) ASTM E 659
<b>Decomposition temperature</b>	Not available.
<b>pH</b>	Not available.
<b>Kinematic viscosity</b>	Not available.
<b>Solubility</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water) (log value)</b>	Not established.
<b>Vapour pressure</b>	Not available.
<b>Density and/or relative density</b>	
<b>Relative density</b>	0,91
<b>Relative density temperature</b>	15,6 °C (60,08 °F) ASTM D 4052/ ISO 12185
<b>Vapour density</b>	Not available.
<b>Particle characteristics</b>	Not available.
<b>9.2. Other information</b>	
<b>9.2.1. Information with regard to physical hazard classes</b>	No relevant additional information available.
<b>9.2.2. Other safety characteristics</b>	
<b>Viscosity</b>	> 20,5 cSt
<b>Viscosity temperature</b>	40 °C (104 °F) ASTM D 445/ ISO 3104

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	None known.
<b>10.2. Chemical stability</b>	Stable under normal temperature conditions.
<b>10.3. Possibility of hazardous reactions</b>	Hazardous polymerisation does not occur.
<b>10.4. Conditions to avoid</b>	Avoid temperatures exceeding the flash point. Heat, sparks, flames.
<b>10.5. Incompatible materials</b>	Strong oxidising agents. Oxidizing agents.
<b>10.6. Hazardous decomposition products</b>	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## SECTION 11: Toxicological information

<b>General information</b>	Not available.
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## Information on likely routes of exposure

<b>Inhalation</b>	May be harmful if inhaled. However, this product does not currently meet the criteria for classification.
<b>Skin contact</b>	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
<b>Eye contact</b>	May be irritating to eyes.
<b>Ingestion</b>	May cause gastrointestinal discomfort if swallowed. Do not induce vomiting. Vomiting may increase risk of product aspiration.

**Symptoms** Not available.

### 11.1. Information on toxicological effects

<b>Acute toxicity</b>	Not classified.
<b>Skin corrosion/irritation</b>	Not classified. May cause defatting of the skin, but is neither an irritant nor a sensitizer.
<b>Serious eye damage/eye irritation</b>	Not classified.
<b>Respiratory sensitisation</b>	Not classified.
<b>Skin sensitisation</b>	Not classified.
<b>Germ cell mutagenicity</b>	Non-mutagenic based on Modified Ames Assay.
<b>Carcinogenicity</b>	Note L - This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.

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

Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Distillates (petroleum), hydrotreated heavy naphthenic; 3 Not classifiable as to carcinogenicity to humans.  
Baseoil — unspecified [ complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers pr (CAS 64742-52-5)

<b>Reproductive toxicity</b>	Contains no ingredient listed as toxic to reproduction
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not classified.
<b>Mixture versus substance information</b>	Not available.

### 11.2. Information on other hazards

<b>Endocrine disrupting properties</b>	Not available.
<b>Other information</b>	Not available.

## SECTION 12: Ecological information

<b>12.1. Toxicity</b>	Not expected to be harmful to aquatic organisms.
<b>12.2. Persistence and degradability</b>	Not inherently biodegradable.
<b>12.3. Bioaccumulative potential</b>	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
<b>Partition coefficient n-octanol/water (log Kow)</b>	Not established.
<b>Bioconcentration factor (BCF)</b>	Not available.
<b>12.4. Mobility in soil</b>	Not available.
<b>12.5. Results of PBT and vPvB assessment</b>	Not a PBT or vPvB substance or mixture.
<b>12.6. Endocrine disrupting properties</b>	Not available.

**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

<b>Residual waste</b>	Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Offer rinsed packaging material to local recycling facilities.
<b>EU waste code</b>	Not applicable. Waste codes should be assigned by the user based on the application for which the product was used.
<b>Disposal methods/information</b>	Contract with a disposal operator licensed by the Law on Disposal and Cleaning. Do not discharge into drains, water courses or onto the ground. Dispose of contents/container in accordance with local/regional/national/international regulations.

## SECTION 14: Transport information

### ADR

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

### RID

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

### ADN

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 available.

**General information** Not regulated as dangerous goods.

## 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 EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

**National regulations**

Germany: WGK 1

**15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out.

**SECTION 16: Other information**

**List of abbreviations**

Not available.

**References**

Chemical Abstracts Service Registry Handbook  
CRC: Handbook of Chemistry and Physics  
ILO Safety Cards  
International Maritime Organization Marine Pollutants List  
NFPA Hazardous Chemical Data Sheets  
NIOSH Pocket Guide  
Registry of Toxic Effects of Chemical Substances (RTECS)  
US DOT Hazardous Materials Regulations  
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices  
ACGIH  
IARC Monographs. Overall Evaluation of Carcinogenicity

**Information on evaluation method leading to the classification of mixture**

Not available.

**Full text of any statements, which are not written out in full under sections 2 to 15**

None.

**Revision information**

Physical & Chemical Properties: Multiple Properties

**Training information**

Not available.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.