

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

**Name of the substance** HyGold 5000BS  
**Identification number** 649-470-00-4 (Index number)  
**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**

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

**Supplied By:** 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),  
+32-28083237 (Belgium)  
+33-975181407 (France)  
+49-69643508409 (Germany)  
+39-0245557031 (Italy)  
+34-931768545 (Spain)

**E-mail:** sds@ergon.com

**Poison Centre (Centre Antipoisons - Belgium):** +32022649636

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

The substance 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**

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:** Residual oils (petroleum), hydrotreated  
**Hazard pictograms** None.  
**Signal word** None.  
**Hazard statements** The substance does not meet the criteria for classification.

**Precautionary statements**

**Prevention** Not assigned.  
**Response** Not assigned.  
**Storage** Not assigned.  
**Disposal** Not assigned.

**Supplemental label information** None.

### 2.3. Other hazards

This substance does not meet the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) in accordance with Annex XIII of Regulation (EC) No 1907/2006. The substance is not included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties. The substance is not considered to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Residual oils (petroleum), hydrotreated	≤100	64742-57-0 265-160-8	-	649-470-00-4	
<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

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

Rinse mouth. Get medical attention if symptoms occur.

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

Exposure may cause temporary irritation, redness, or discomfort. Defatting of the skin.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

#### General fire hazards

No unusual fire or explosion hazards noted.

#### 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

During fire, gases hazardous to health may be formed.

#### 5.3. Advice for firefighters

##### Special protective equipment for firefighters

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

##### Special fire fighting procedures

Move containers from fire area if you can do so without risk. Cool containers exposed to flames with water until well after the fire is out. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

#### 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. Do not touch or walk through spilled material.

##### For emergency responders

Keep unnecessary personnel away. Keep upwind. Keep out of low areas. 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. If this material is spilled into navigable waters and creates a visible sheen, it is reportable to the National Response Center.

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

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). 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. 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 to original containers for re-use. The product is insoluble in water.

### 6.4. Reference to other sections

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

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Avoid prolonged exposure. Observe good industrial hygiene practices. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes. Wash hands after handling and before eating. Avoid contact with clothing. Avoid contact with skin.

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

Keep away from heat, sparks and open flame. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

### 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

**Belgium. OEL. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1 - Chemical agents, as amended**

Additional components	Type	Value	Form
Oil mist, mineral	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.

**Bulgaria. OELs. Ordinance No 13 on protection of workers against risks of exposure to chemical agents at work, as amended**

Additional components	Type	Value
Oil mist, mineral	TWA	5 mg/m <sup>3</sup>

**Czech Republic. Occupational exposure limit values of chemicals at work (Decree on protection of health at work, 361/2007, Annex 2, Part A & Annex 3, Part A, as amended)**

Additional components	Type	Value	Form
Oil mist, mineral	Ceiling	10 mg/m <sup>3</sup>	Aerosol.
	TWA	5 mg/m <sup>3</sup>	Aerosol.

**Denmark. Work Environment Authority. Exposure Limits for Substances & Materials, Annex 2**

Additional components	Type	Value	Form
Oil mist, mineral	STEL	2 mg/m <sup>3</sup>	Mist.
	TLV	1 mg/m <sup>3</sup>	Mist.

**Finland. HTP-arvot, App 3., Binding Limit Values, Social Affairs and Ministry of Health**

Additional components	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m <sup>3</sup>	Mist.

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

Additional components	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m <sup>3</sup>	Respirable fraction.

**Greece. OELs, Presidential Decree No. 307/1986, as amended**

Additional components	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m <sup>3</sup>	Mist.

**Hungary. OELs. Decree on protection of workers exposed to chemical agents (5/2020. (II.6)), Annex 1&2, as amended**

<b>Additional components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
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Oil mist, mineral	TWA	5 mg/m <sup>3</sup>	Mist.
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**Iceland. OELs. Regulation 390/2009 on Pollution Limits and Measures to Reduce Pollution at the Workplace, as amended**

<b>Additional components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
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Oil mist, mineral	TWA	1 mg/m <sup>3</sup>	Mist.
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**Ireland. OELVs, Schedules 1 & 2, Code of Practice for Chemical Agents and Carcinogens Regulations**

<b>Additional components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
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Oil mist, mineral	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
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**Italy. OELs (Legislative Decree n.81, 9 April 2008), as amended**

<b>Additional components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
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Oil mist, mineral	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
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**Latvia. OELs. Occupational Exposure Limits of Chemical Substances at Workplace (Reg. No. 325/ 2007, L.V. 80, Annex 1), as amended**

<b>Additional components</b>	<b>Type</b>	<b>Value</b>
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Oil mist, mineral	TWA	5 mg/m <sup>3</sup>
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**Lithuania. OELs. Occupational Exposure Limit Values for Chemical Substances (Hygiene Norm HN 23:2011; Order No. V-824/A1-389), as amended**

<b>Additional components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
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Oil mist, mineral	STEL	3 mg/m <sup>3</sup>	Fume and mist.
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	TWA	1 mg/m <sup>3</sup>	Fume and mist.
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**Netherlands. OELs per Annex XIII of Working Conditions Regulation (Staatscourant 2006, 252, as amended)**

<b>Additional components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
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Oil mist, mineral	TWA	5 mg/m <sup>3</sup>	Mist.
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**Norway. Regulation No. 1358 on Measures and Limit Values for Physical and Chemical Factors in Work Environment and Infection Groups for Biological Factors, as amended**

<b>Additional components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
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Oil mist, mineral	TLV	1 mg/m <sup>3</sup>	Mist.
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**Poland. Maximum permissible concentrations and intensities of harmful factors in the work environment (Dz.U.Poz. 1286/2018, Annex 1)**

<b>Additional components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
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Oil mist, mineral	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
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**Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796-2014)**

<b>Additional components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
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Oil mist, mineral	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
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**Romania. OELs. Limit Values of Chemical Agents at Workplace (Regulation 1.218/2006, M.O 845, Annex 1, 3&4, as amended)**

<b>Additional components</b>	<b>Type</b>	<b>Value</b>
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Oil mist, mineral	STEL	10 mg/m <sup>3</sup>
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	TWA	5 mg/m <sup>3</sup>
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**Slovakia. OELs. Maximum permissible exposure limits for chemical factors in workplace air (Regulation No 355/2006, Annex 1, Table 1, as amended)**

<b>Additional components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
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Oil mist, mineral	STEL	3 mg/m <sup>3</sup>	Fume and mist.
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		15 ppm	Fume and mist.
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**Slovakia. OELs. Maximum permissible exposure limits for chemical factors in workplace air (Regulation No 355/2006, Annex 1, Table 1, as amended)**

Additional components	Type	Value	Form
	TWA	1 mg/m <sup>3</sup>	Fume and mist.
		5 ppm	Fume and mist.

**Spain. OELs. INSST, Límites de Exposición Profesional Para Agentes Químicos, Table 1-Valores Límites Ambientales (VLAs)**

Additional components	Type	Value	Form
Oil mist, mineral	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.

**Sweden. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as amended**

Additional components	Type	Value	Form
Oil mist, mineral	STEL	3 mg/m <sup>3</sup>	Mist.
	TWA	1 mg/m <sup>3</sup>	Mist.

**Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte**

Additional components	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.

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

**Recommended monitoring procedures** Follow standard monitoring procedures.

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

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

**Exposure guidelines**

**Austria MAK: Skin designation**

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

**Belgium OELs: Skin designation**

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

**Croatia ELVs: Skin designation**

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

**Czech Republic PELs: Skin designation**

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

**Denmark GV: Skin designation**

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

**Estonia OELs: Skin designation**

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

**EU. OELs from Annex III, Part A to Directive 2004/37/EC: Skin designation**

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

**France Mandatory OELs (VLEP): Skin designation**

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

**Iceland OELs: Skin designation**

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

**Ireland Exposure Limit Values: Skin designation**

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

**Italy OELs: Skin designation**

Highly refined mineral oil (CAS -) Danger of cutaneous absorption

**Lithuania OELs: Skin designation**

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

**Netherlands OELs of Working Conditions Regulation: Skin designation**

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

**Romania OELs: Skin designation**

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

## Sweden Threshold Limit Values: Skin designation

Highly refined mineral oil (CAS -)

Can be absorbed through the skin.

### 8.2. Exposure controls

<b>Appropriate engineering controls</b>	Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>General information</b>	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).
<b>Skin protection</b>	
- <b>Hand protection</b>	Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.
- <b>Other</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<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 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>Color</b>	Light Amber to Golden
<b>Odor</b>	Mild Petroleum Odor
<b>Melting point/freezing point</b>	16 °F (-8,89 °C) ASTM D5950 (typical)
<b>Boiling point or initial boiling point and boiling range</b>	>700 °F (>371,11 °C) ASTM D2887/ ISO 3294
<b>Flammability</b>	Will burn if involved in a fire.
<b>Upper/lower flammability or explosive limits</b>	
<b>Explosive limit - lower (%)</b>	Not determined.
<b>Explosive limit - upper (%)</b>	Not determined.
<b>Flash point</b>	≥540,0 °F (≥282,2 °C) Cleveland Open Cup ASTM D92/ ISO 2592
<b>Auto-ignition temperature</b>	>600 °F (>315,56 °C) ASTM E659
<b>Decomposition temperature</b>	Not determined.
<b>pH</b>	Not applicable.
<b>Kinematic viscosity</b>	912 cSt ASTM D445 (104 °F (40 °C))
<b>Solubility</b>	
<b>Solubility (water)</b>	Insoluble in water.
<b>Partition coefficient (n-octanol/water) (log value)</b>	Not applicable.
<b>Vapor pressure</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Relative density</b>	0,912 (60,08 °F (15,6 °C) ASTM D4052)
<b>Vapor density</b>	>5
<b>Particle characteristics</b>	
<b>Particle size</b>	Not applicable, material is a liquid.

### 9.2. Other information

<b>9.2.1. Information with regard to physical hazard classes</b>	No relevant additional information available.
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**9.2.2. Other safety characteristics** No relevant additional information available.

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

**10.5. Incompatible materials** Strong oxidizing agents.

**10.6. Hazardous decomposition products** No hazardous decomposition products are known.

## 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** Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

**Eye contact** Direct contact with eyes may cause temporary irritation.

**Ingestion** May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

**Symptoms** Defatting of the skin. Exposure may cause temporary irritation, redness, or discomfort.

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

#### Acute toxicity

Product	Species	Test Results
Residual oils (petroleum), hydrotreated (CAS 64742-57-0)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
<b>Inhalation</b>		
LC50	Rat	> 5000 mg/m <sup>3</sup> , 4 Hours
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg

**Skin corrosion/irritation** Based on available data, the classification criteria are not met. May cause defatting of the skin, but is neither an irritant nor a sensitizer.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory sensitization** Based on available data, the classification criteria are not met.

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

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Note L - Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Highly refined mineral oil (CAS -) 3 Not classifiable as to carcinogenicity to humans.

#### Iceland OELs: Carcinogen

Highly refined mineral oil (CAS -) Carcinogenic.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**Specific target organ toxicity - single exposure** Based on available data, the classification criteria are not met.

**Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Not an aspiration hazard.

**Mixture versus substance information** No information available.

#### 11.2. Information on other hazards

**Endocrine disrupting properties** This substance does not have endocrine disrupting properties with respect to human health, as it does not meet the assessment criteria laid out in Regulation (EC) No. 1272/2008 including the amendments in Delegated Regulation (EU) 2023/707.

**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.

**12.2. Persistence and degradability** Expected to be inherently biodegradable.

**12.3. Bioaccumulative potential** No data available.

**Partition coefficient n-octanol/water (log Kow)** Not available.

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** No data available.

**12.5. Results of PBT and vPvB assessment** This substance does not meet the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) in accordance with Annex XIII of Regulation (EC) No 1907/2006.

**12.6. Endocrine disrupting properties** This substance does not have endocrine disrupting properties with respect to the environment, as it does not meet the assessment criteria laid out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605.

**12.7. Other adverse effects** Oil spills are generally hazardous to the environment. Substance is not persistent, mobile, and toxic (PMT). Substance is not very persistent and very mobile (vPvM).

### 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.

**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.

**EU waste code** The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Disposal methods/information** Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**Special precautions** Dispose in accordance with all applicable regulations.

### SECTION 14: Transport information

#### ADR

**14.1. UN number or ID number** Not regulated as dangerous goods.

**14.2. UN proper shipping name** Not regulated as dangerous goods.

#### 14.3. Transport hazard class(es)

**Class** Not assigned.

**Subsidiary hazard** -

**Hazard No. (ADR)** Not assigned.

**Tunnel restriction code** Not assigned.

**14.4. Packing group** -

**14.5. Environmental hazards** No.

**14.6. Special precautions for user** Not assigned.

#### RID

**14.1. UN number or ID number** Not regulated as dangerous goods.

**14.2. UN proper shipping name** Not regulated as dangerous goods.

#### 14.3. Transport hazard class(es)

Class Not assigned.

Subsidiary hazard -

14.4. Packing group -

14.5. Environmental hazards No.

14.6. Special precautions for user Not assigned.

#### ADN

14.1. UN number or ID number Not regulated as dangerous goods.

14.2. UN proper shipping name Not regulated as dangerous goods.

#### 14.3. Transport hazard class(es)

Class Not assigned.

Subsidiary hazard -

14.4. Packing group -

14.5. Environmental hazards No.

14.6. Special precautions for user Not assigned.

#### IATA

14.1. UN number or ID number Not regulated as dangerous goods.

14.2. UN proper shipping name Not regulated as dangerous goods.

#### 14.3. Transport hazard class(es)

Class Not assigned.

Subsidiary hazard -

14.4. Packing group -

14.5. Environmental hazards No.

14.6. Special precautions for user Not assigned.

#### IMDG

14.1. UN number or ID number Not regulated as dangerous goods.

14.2. UN proper shipping name Not regulated as dangerous goods.

#### 14.3. Transport hazard class(es)

Class Not assigned.

Subsidiary hazard -

14.4. Packing group -

14.5. Environmental hazards

Marine pollutant No.

EmS Not assigned.

14.6. Special precautions for user Not assigned.

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.

**Authorizations****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 - Conditions of restriction given for the associated entry number should be considered**

Not listed.

**Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex I, as amended**

Not listed.

**Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex II, as amended**

Not listed.

**Other EU regulations****Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended**

Highly refined mineral oil (CAS -)

**Other regulations**

This product is classified and labelled in accordance with Regulation (EC) No 1272/2008 (CLP), including the amendments introduced by Delegated Regulation (EU) 2023/707. This Safety Data Sheet has been compiled in accordance with Regulation (EC) No 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

**National regulations**

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

**Netherlands. OELs per Annex XIII of Working Conditions Regulation (Staatscourant 2006, 252, as amended)**

Highly refined mineral oil (CAS -)

**France regulations****France INRS Table of Occupational Diseases**

Highly refined mineral oil (CAS -)

Affections provoquées par les huiles et graisses d'origine minérale ou de synthèse 36

**15.2. Chemical safety assessment**

Chemical Safety Assessment has been carried out.

**Inventory status**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**SECTION 16: Other information****List of abbreviations**

Material name: HyGold 5000BS

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ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.  
ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.  
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).  
CAS: Chemical Abstract Service.  
CEN: European Committee for Standardization.  
IATA: International Air Transport Association.  
IMDG: International Maritime Dangerous Goods.  
IMO: International Maritime Organization.  
MAC: Maximum Allowed Concentration.  
PBT: Persistent, bioaccumulative and toxic.  
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.  
vPvB: Very persistent and very bioaccumulative.

**References**

Chemical safety report.

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

Not applicable.

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

None.

**Revision information**

None.

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

Ergon International 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.