

# SAFETY DATA SHEET

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

1.1. Product identifier	
Name of the substance	HyGold L150
Identification number	649-465-00-7 (Index number)
Registration number	01-2119467170-45
Synonyms	None.
1.2. Relevant identified uses o	f 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 t	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)
	+ 1-703-5273887 (International),
	+32-28083237 (Belgium)
	+33-975181407 (France)
	+49-69643508409 (Germany)
	+39-0245557031 (Italy)
	+34-931768545 (Spain)
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 mixture 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

(
None.
Not applicable.
Not applicable.
Not available.
Not applicable.
Not applicable.
Not applicable.
None.
None known.

## **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

General information Chemical name		%	CAS-No. / EC No.	<b>REACH Registration N</b>	o. Index No.	Notes
Distillates (petroleum), hydrot heavy naphthenic	reated	<=100	64742-52-5 265-155-0	01-2119467170-45	649-465-00-7	
Classif	ication: -					L
Composition comments				n. Meets EU requirement of d (PAC) using IP 346.	less than 3% (w/w	) DMSO extract
SECTION 4: First aid mea	asures					
General information	Contact	physician	if discomfort contin	ues.		
4.1. Description of first aid me	asures					
Inhalation		fresh air.	Oxygen or artificial	respiration if needed. IF ex	posed or concerned	: Get medical
Skin contact				ter. Remove contaminated or an allergic skin reaction		
Eye contact	Flush th	oroughly v	vith water. If irritation	on occurs, get medical assis	stance.	
Ingestion			miting. If vomiting ooison control centro	occurs naturally, have victin e immediately.	n lean forward to re	educe risk of
4.2. Most important symptoms and effects, both acute and delayed	Defattin	g of the sk	in.			
4.3. Indication of any immediate medical attention and special treatment needed	Treat sy	mptomatic	cally.			
<b>SECTION 5: Firefighting</b>	measui	res				
General fire hazards	No unus	sual fire or	explosion hazards r	noted.		
5.1. Extinguishing media Suitable extinguishing media			als. Foam. Carbon o is will spread the fir	dioxide (CO2). Water spray e.	or fog. Do not use	water jet as an
Unsuitable extinguishing media	Do not u	use a solid	water stream as it	may scatter and spread fire		
5.2. Special hazards arising from the substance or mixture	No unus	sual fire or	explosion hazards r	noted.		
5.3. Advice for firefighters Special protective equipment for firefighters			e clothing, including us, protective clothing	g helmet, self-contained posing and face mask.	sitive pressure or pr	essure demand
Special fire fighting procedures	standard	d protectiv	e equipment includi	h water until well after the ng flame retardant coat, he SCBA. Use pressurised air	lmet with face shiel	ld, gloves,
SECTION 6: Accidental re	elease ı	measure	es			
6.1. Personal precautions, pro	tective e	quipment	and emergency	procedures		
For non-emergency personnel	Not avai			• • • • • • •		
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For emergency<br/>respondersKeep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.6.2. Environmental<br/>precautionsPrevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewer, basements<br/>or confined areas. Avoid discharge to the aquatic environment. Contact local authorities in case of<br/>spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the<br/>ground. If this material is spilled into navigable waters and creates a visible sheen, it is reportable<br/>to the National Response Center.

6.3. Methods and material for containment and cleaning up	Large Spills: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). 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.
6.4. Reference to other sections	For personal protection, see section 8 of the SDS. For waste disposal, see section 13.
SECTION 7: Handling and	d 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	Keep away from heat, sparks and open flame. Store in a well-ventilated place.

7.3. Specific end use(s)

### Not available.

### **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

# Occupational exposure limits

Belgium. Exposur	e Limit Values
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Material	Туре	Value	Form	
HyGold L150	STEL	10 mg/m3	Mist.	
	TWA	5 mg/m3	Mist.	
Components	Туре	Value	Form	
Distillates (petroleum), hydrotreated heavy naphthenic (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

Material	Туре	Value	
HyGold L150	TWA	5 mg/m3	
Components	Туре	Value	
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	
Denmark. Exposure Limit Valu Material	es Type	Value	Form
HyGold L150	TLV	1 mg/m3	Mist.
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TLV	1 mg/m3	Mist.
Finland. Workplace Exposure L	imits		
Material	Туре	Value	Form
HyGold L150	TWA	5 mg/m3	Mist.
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Mist.

Material	Туре	Value	Form
HyGold L150	TWA	5 mg/m3	Respirable fraction.
Greece. OELs (Decree No. 90/1999, as	amended)		
Material	Туре	Value	Form
HyGold L150	TWA	5 mg/m3	Mist.
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy haphthenic (CAS 54742-52-5)	TWA	5 mg/m3	Mist.
lungary. OELs. Joint Decree on Chemi Material	cal Safety of Workplaces Type	Value	
HyGold L150	TWA	5 mg/m3	
Components	Туре	Value	
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	
Iceland. OELs. Regulation 154/1999 o Material	n occupational exposure lin Type	nits Value	Form
HyGold L150	TWA	1 mg/m3	Mist.
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy haphthenic (CAS 54742-52-5)	TWA	1 mg/m3	Mist.
Ireland. Occupational Exposure Limits Material	Туре	Value	Form
HyGold L150	TWA	5 mg/m3	Inhalable fraction.
italy. Occupational Exposure Limits Material	Туре	Value	Form
HyGold L150	TWA	5 mg/m3	Inhalable fraction.
, Components	Туре	Value	Form
Distillates (petroleum), nydrotreated heavy naphthenic (CAS 54742-52-5)	TWA	5 mg/m3	Inhalable fraction.
Latvia. OELs. Occupational exposure li Material	mit values of chemical subs Type	tances in work envir Value	onment
HyGold L150	TWA	5 mg/m3	
Components	Туре	Value	
Distillates (petroleum), hydrotreated heavy haphthenic (CAS 54742-52-5)	TWA	5 mg/m3	
Lithuania. OELs. Limit Values for Cher Material	nical Substances, General R Type	Requirements Value	Form
HyGold L150	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.
Components	Туре	Value	Form
Distillates (petroleum),	STEL	3 mg/m3	Fume and mist.

Components	Туре	Value	Form
	TWA	1 mg/m3	Fume and mist.
letherlands. OELs (binding) laterial	Туре	Value	Form
HyGold L150	TWA	5 mg/m3	Mist.
Components	Туре	Value	Form
Distillates (petroleum), nydrotreated heavy naphthenic (CAS 54742-52-5)	TWA	5 mg/m3	Mist.
Norway. Administrative Norms for Material	Contaminants in the Workplace Type	Value	Form
HyGold L150	TLV	1 mg/m3	Mist.
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TLV	1 mg/m3	Mist.
Poland. Ordinance of the Minister concentrations and intensities of I Material			
HyGold L150	TWA	5 mg/m3	Inhalable fraction.
		0 ppm	Inhalable fraction.
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.
		0 ppm	Inhalable fraction.
Portugal. VLEs. Norm on occupatio Material	onal exposure to chemical agents Type	s (NP 1796) Value	Form
HyGold L150	TWA	5 mg/m3	Inhalable fraction.
Components	Туре	Value	Form
-			
Distillates (petroleum), nydrotreated heavy naphthenic (CAS	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), hydrotreated heavy haphthenic (CAS 54742-52-5) Romania. OELs. Protection of worl	TWA		
Distillates (petroleum), hydrotreated heavy haphthenic (CAS 54742-52-5) Romania. OELs. Protection of worl Material	TWA kers from exposure to chemical a	gents at the workpl	
Distillates (petroleum), hydrotreated heavy haphthenic (CAS 54742-52-5) Romania. OELs. Protection of worl Material	TWA kers from exposure to chemical a Type	gents at the workpl Value	
Distillates (petroleum), hydrotreated heavy haphthenic (CAS 54742-52-5) Romania. OELs. Protection of worl Material HyGold L150	TWA kers from exposure to chemical a Type STEL	igents at the workpl Value 10 mg/m3	
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) <b>Romania. OELs. Protection of worl</b> <b>Material</b> HyGold L150 <b>Components</b> Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA kers from exposure to chemical a Type STEL TWA	<b>igents at the workpl</b> Value 10 mg/m3 5 mg/m3	
Distillates (petroleum), nydrotreated heavy naphthenic (CAS 54742-52-5) Romania. OELs. Protection of worl Material HyGold L150 Components Distillates (petroleum), nydrotreated heavy naphthenic (CAS	TWA Kers from exposure to chemical a Type STEL TWA Type Type	igents at the workpl Value 10 mg/m3 5 mg/m3 Value	
Distillates (petroleum), hydrotreated heavy haphthenic (CAS 54742-52-5) Romania. OELs. Protection of work Material HyGold L150 Components Distillates (petroleum), hydrotreated heavy haphthenic (CAS 54742-52-5) Slovakia. OELs. Regulation No. 30	TWA Kers from exposure to chemical a Type STEL TWA Type STEL TWA TWA	agents at the workpl Value 10 mg/m3 5 mg/m3 Value 10 mg/m3 5 mg/m3	ace
Distillates (petroleum), hydrotreated heavy haphthenic (CAS 54742-52-5) Romania. OELs. Protection of work Material HyGold L150 Components Distillates (petroleum), hydrotreated heavy haphthenic (CAS 54742-52-5) Slovakia. OELs. Regulation No. 30 Material	TWA Kers from exposure to chemical a Type STEL TWA Type STEL TWA TWA 0/2007 concerning protection of	agents at the workpl Value 10 mg/m3 5 mg/m3 Value 10 mg/m3 5 mg/m3 health in work with	ace
Distillates (petroleum), hydrotreated heavy haphthenic (CAS 54742-52-5) Romania. OELs. Protection of work Material HyGold L150 Components Distillates (petroleum), hydrotreated heavy haphthenic (CAS 54742-52-5) Slovakia. OELs. Regulation No. 30 Material	TWA TWA Kers from exposure to chemical a Type STEL TWA Type STEL TWA O/2007 concerning protection of Type	agents at the workpl Value 10 mg/m3 5 mg/m3 Value 10 mg/m3 5 mg/m3 health in work with Value	ace chemical agents Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) Romania. OELs. Protection of worl Material HyGold L150 Components Distillates (petroleum), hydrotreated heavy naphthenic (CAS	TWA TWA Kers from exposure to chemical a Type STEL TWA Type STEL TWA O/2007 concerning protection of Type	agents at the workpl Value 10 mg/m3 5 mg/m3 Value 10 mg/m3 5 mg/m3 health in work with Value 3 mg/m3	ace chemical agents Form Fume and mist.

Components	Туре	ion of health in work with Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	3 mg/m3	Fume and mist.
		15 ppm	Fume and mist.
	TWA	1 mg/m3	Fume and mist.
		5 ppm	Fume and mist.
Spain. Occupational Expo Material	osure Limits Type	Value	Form
HyGold L150	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	10 mg/m3	Mist.
,	TWA	5 mg/m3	Mist.
Sweden. OELs. Work Envi Material	ironment Authority (AV), Occupation Type	nal Exposure Limit Values Value	(AFS 2015:7) Form
HyGold L150	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy	STEL	3 mg/m3	Mist.
naphthenic (CAS 64742-52-5)			
	TWA	1 mg/m3	Mist.
		1 mg/m3 <b>Value</b>	Mist. <b>Form</b>
64742-52-5) Switzerland. SUVA Grenz	werte am Arbeitsplatz		
64742-52-5) Switzerland. SUVA Grenz Material	werte am Arbeitsplatz Type	Value	Form
64742-52-5) Switzerland. SUVA Grenz Material HyGold L150	werte am Arbeitsplatz Type TWA	Value 5 mg/m3	Form Inhalable fraction.
64742-52-5) <b>Switzerland. SUVA Grenz</b> <b>Material</b> HyGold L150 <b>Components</b> Distillates (petroleum), hydrotreated heavy naphthenic (CAS	werte am Arbeitsplatz Type TWA Type	Value 5 mg/m3 Value 5 mg/m3	Form Inhalable fraction. Form
64742-52-5) Switzerland. SUVA Grenz Material HyGold L150 Components Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	werte am Arbeitsplatz Type TWA Type TWA	Value 5 mg/m3 Value 5 mg/m3	Form Inhalable fraction. Form
64742-52-5) Switzerland. SUVA Grenz Material HyGold L150 Components Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) logical limit values ommended monitoring	werte am Arbeitsplatz Type TWA Type TWA No biological exposure limits noted fo	Value 5 mg/m3 Value 5 mg/m3	Form Inhalable fraction. Form
64742-52-5) Switzerland. SUVA Grenz Material HyGold L150 Components Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) logical limit values ommended monitoring cedures ived no effect levels IELs) dicted no effect centrations (PNECs)	werte am Arbeitsplatz Type TWA Type TWA No biological exposure limits noted fo Not available.	Value 5 mg/m3 Value 5 mg/m3	Form Inhalable fraction. Form
64742-52-5) Switzerland. SUVA Grenz Material HyGold L150 Components Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) ogical limit values ommended monitoring cedures ived no effect levels IELs) dicted no effect centrations (PNECs) Exposure controls	werte am Arbeitsplatz Type TWA TWA No biological exposure limits noted fo Not available. Not available. Not available.	Value       5 mg/m3       Value       5 mg/m3	Form Inhalable fraction. Form Inhalable fraction.
64742-52-5) Switzerland. SUVA Grenz Material HyGold L150 Components Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) logical limit values ommended monitoring cedures ived no effect levels IELs) dicted no effect centrations (PNECs) Exposure controls propriate engineering trols	werte am Arbeitsplatz Type TWA Type TWA No biological exposure limits noted fo Not available. Not available. Not available. Provide adequate ventilation, including occupational exposure limit is not exce	Value         5 mg/m3         Value         5 mg/m3         r the ingredient(s).         g appropriate local extraction, eeded.	Form Inhalable fraction. Form Inhalable fraction.
64742-52-5) Switzerland. SUVA Grenz Material HyGold L150 Components Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) ogical limit values ommended monitoring cedures ived no effect levels IELs) dicted no effect levels IELs) dicted no effect centrations (PNECs) Exposure controls oropriate engineering trols ividual protection measur General information	werte am Arbeitsplatz Type         TWA         Type         TWA         No biological exposure limits noted for Not available.         Not available.         Not available.         Provide adequate ventilation, including occupational exposure limit is not excu- res, such as personal protective equi- Not available.	Value         5 mg/m3         Value         5 mg/m3         r the ingredient(s).         g appropriate local extraction, eeded.         ipment	Form Inhalable fraction. Form Inhalable fraction.
64742-52-5) Switzerland. SUVA Grenz Material HyGold L150 Components Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) ogical limit values ommended monitoring cedures ived no effect levels IELs) dicted no effect centrations (PNECs) Exposure controls propriate engineering trols ividual protection measur General information Eye/face protection	werte am Arbeitsplatz Type TWA Type TWA No biological exposure limits noted fo Not available. Not available. Not available. Provide adequate ventilation, including occupational exposure limit is not exce	Value         5 mg/m3         Value         5 mg/m3         r the ingredient(s).         g appropriate local extraction, eeded.         ipment	Form Inhalable fraction. Form Inhalable fraction.
64742-52-5) Switzerland. SUVA Grenz Material HyGold L150 Components Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) logical limit values ommended monitoring cedures ived no effect levels IELs) dicted no effect centrations (PNECs) Exposure controls propriate engineering trols ividual protection measur General information Eye/face protection	werte am Arbeitsplatz Type         TWA         Type         TWA         No biological exposure limits noted for Not available.         Not available.         Not available.         Not available.         Provide adequate ventilation, including occupational exposure limit is not excertes, such as personal protective equitation Not available.         Mot available.         Goggles/face shield are recommended	Value         5 mg/m3         Value         5 mg/m3         r the ingredient(s).         g appropriate local extraction, eeded.         ipment         d.	Form Inhalable fraction. Form Inhalable fraction.
64742-52-5) Switzerland. SUVA Grenz Material HyGold L150 Components Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) ogical limit values ommended monitoring cedures ived no effect levels IELs) dicted no effect centrations (PNECs) Exposure controls propriate engineering trols ividual protection measur General information Eye/face protection	werte am Arbeitsplatz Type         TWA         Type         TWA         No biological exposure limits noted for Not available.         Not available.         Not available.         Provide adequate ventilation, including occupational exposure limit is not excu- res, such as personal protective equi- Not available.	Value         5 mg/m3         Value         5 mg/m3         r the ingredient(s).         g appropriate local extraction, eeded.         ipment         d.         hended. If contact with forearm epeated contact occurs, Nitrile	Form Inhalable fraction. Form Inhalable fraction. to ensure that the defined ns is likely wear gauntlet strenge gloves may be suitable.
64742-52-5) Switzerland. SUVA Grenz Material HyGold L150 Components Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) logical limit values ommended monitoring cedures ived no effect levels IELs) dicted no effect centrations (PNECs) Exposure controls propriate engineering trols ividual protection measur General information Eye/face protection	werte am Arbeitsplatz Type         TWA         Type         TWA         No biological exposure limits noted for Not available.         Not available.         Not available.         Not available.         Provide adequate ventilation, including occupational exposure limit is not excores, such as personal protective equit Not available.         Goggles/face shield are recommended         Chemical resistant gloves are recommended	Value         5 mg/m3         Value         5 mg/m3         r the ingredient(s).         g appropriate local extraction, eeded.         ipment         d.         hended. If contact with forearm epeated contact occurs, Nitrile         .) For incidental contact/splasi	Form Inhalable fraction. Form Inhalable fraction. inhalable fraction. to ensure that the defined ns is likely wear gauntlet stress of the suitable. n protection Neoprene, PVC

Thermal hazards	Not available.
Hygiene measures	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.
Environmental exposure controls	Not available.

# **SECTION 9: Physical and chemical properties**

9.1. Information on	basic physical an	d chemical properties

Physical state	Liquid.
Form	Liquid.
Colour	Light Amber to Golden
Odour	Mild Petroleum Odor
Melting point/freezing point	-43 °C (-45,4 °F) ASTM D5949
Boiling point or initial boiling point and boiling range	260 °C (500 °F) ASTM D2887/ ISO 3294
Flammability	Not available.
Flash point	179,0 °C (354,2 °F) Cleveland open cup ASTM D92/ ISO 2592 167,0 °C (332,6 °F) Pensky-Martens Closed Cup ASTM D93/ ISO 2719
Auto-ignition temperature	> 315,56 °C (> 600 °F) ASTM E659
Decomposition temperature	Not available.
pH	Not applicable
Kinematic viscosity	Not available.
Solubility	
Solubility (water)	Insoluble
Partition coefficient (n-octanol/water) (log value)	Not established.
Vapour pressure	Not available.
Density and/or relative density	/
Relative density	0,92 (15,56 °C (60 °F) ASTM D4052/ ISO 12185)
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 characteris	tics
Viscosity	30 cSt (40 °C (104 °F) ASTM D445/ ISO 3104)
SECTION 10: Stability an	d reactivity
10.1. Reactivity	Strong oxidising agents.
10.2. Chemical stability	Stable.
10.3. Possibility of hazardous reactions	Hazardous polymerisation does not occur.
10.4. Conditions to avoid	Avoid temperatures exceeding the flash point.

**10.5. Incompatible materials** Strong oxidising agents.

**10.6. Hazardous** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

### **SECTION 11: Toxicological information**

Information	on likely	routes of	exposure

**General information** 

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

Not available.

Symptoms	Not available.
11.1. Information on hazard cl	asses as defined in Regulation (EC) No 1272/2008
Acute toxicity	Not classified.
Skin corrosion/irritation	Not classified. May cause defatting of the skin, but is neither an irritant nor a sensitizer.
Serious eye damage/eye irritation	Not classified.
Respiratory sensitisation	Not classified.
Skin sensitisation	Not classified.
Germ cell mutagenicity	Non-mutagenic based on Modified Ames Assay.
Carcinogenicity	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. Note L -
Hungary. 26/2000 EüM Or at work (as amended)	dinance on protection against and preventing risk relating to exposure to carcinogens
	drotreated heavy naphthenic (CAS 64742-52-5) Evaluation of Carcinogenicity
Distillates (petroleum), hy (CAS 64742-52-5)	drotreated heavy naphthenic 3 Not classifiable as to carcinogenicity to humans.
Reproductive toxicity	Contains no ingredient listed as toxic to reproduction
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Mixture versus substance information	Not available.
11.2. Information on other haz	zards
Endocrine disrupting properties	Not available.
Other information	Not available.
SECTION 12: Ecological i	nformation
12.1. Toxicity	Not expected to be harmful to aquatic organisms.
12.2. Persistence and degradability	Not inherently biodegradable.
12.3. Bioaccumulative potential	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
Partition coefficient n-octanol/water (log Kow)	Not established.
Bioconcentration factor (BCF)	Not available.
12.4. Mobility in soil	Not available.
12.5. Results of PBT and vPvB assessment	Not a PBT or vPvB substance or mixture.
12.6. Endocrine disrupting properties	Not available.
12.7. Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

# **SECTION 13:** Disposal considerations

#### 13.1. Waste treatment methods

Residual waste	Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground.
Contaminated packaging	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.
EU waste code	Not applicable. Waste codes should be assigned by the user based on the application for which the product was used.
Disposal methods/information	No components are identified as hazardous wastes. Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

potential, endocrine disruption, global warming potential) are expected from this component.

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SECTION 14: Transport in	nformation	
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	dangaraya gaada	
14.1 14.6.: Not regulated as IATA	dangerous goods.	
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	
• •	nmental regulations/legislation specific for the substance or n	nivturo
EU regulations	innental regulations/registation specific for the substance of h	
-	2009 on substances that deplete the ozone layer, Annex I and	II as amended
Not listed.	2009 on substances that depicte the ozone layer, Annex I and	II, as amended
	1 On persistent organic pollutants (recast), as amended	
Not listed.		
amended	012 concerning the export and import of dangerous chemicals	, Annex I, Part 1 as
Not listed.	012 concerning the concert and impact of development chemicals	Annov T. David 2 an
amended	012 concerning the export and import of dangerous chemicals	, Annex I, Part 2 as
Not listed. Regulation (EU) No. 649/2 amended	012 concerning the export and import of dangerous chemicals	, Annex I, Part 3 as
Not listed. Regulation (EU) No. 649/2	012 concerning the export and import of dangerous chemicals	, Annex V as amended
Not listed.		
Regulation (EC) No. 166/2	006 Annex II Pollutant Release and Transfer Registry, as amer	nded
Not listed.	2006 DEACH Article E0(10) Condidate List as summathy mublick	
Not listed.	2006, REACH Article 59(10) Candidate List as currently publish	led by ECHA
Authorisations		
Regulation (EC) No. 1907/ Not listed.	2006, REACH Annex XIV Substances subject to authorization, a	as amended
Restrictions on use		
Regulation (EC) No. 1907/ amended	2006, REACH Annex XVII Substances subject to restriction on	marketing and use as
Not listed.		
mutagens at work, as ame	the protection of workers from the risks related to exposure to nded.	carcinogens and
Not listed.		
Other EU regulations Directive 2012/18/EU on r	najor accident hazards involving dangerous substances, as am	ended
Not listed.		
Other regulations	The product is classified and labelled in accordance with EC directives This Safety Data Sheet complies with the requirements of Regulation (	
National regulations	Germany: WGK 1	
15.2. Chemical safety	No Chemical Safety Assessment has been carried out.	
assessment		
International Inventories		<b>.</b>
Country(s) or region Australia	<b>Inventory name</b> Australian Inventory of Industrial Chemicals (AICIS)	On inventory (yes/no)* Yes

Country(s) or region	Inventory name	On inventory (yes/no)*
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
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\*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	Not available.
References	Chemical Abstracts Service Registry Handbook CRC: Handbook of Chemistry and Physics International Labour Organization 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	SECTION 7: Handling and storage: 7,1. Precautions for safe handling Physical & Chemical Properties: Multiple Properties SECTION 11: Toxicological information: Reproductivity
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.