

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

**Name of the substance** HyPrint 70E  
**Identification number** 649-466-00-2 (Index number)  
**Registration number** 01-2119480375-34  
**Synonyms** None.

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

**Identified uses** Pigments; Printing Inks  
**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:****CHEMTREC:**

+ 1-800-222-7122  
+ 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

**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****Health hazards**

Aspiration hazard

Category 1

H304 - May be fatal if swallowed and enters airways.

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

**Contains:** Distillates (petroleum), hydrotreated light naphthenic

**Hazard pictograms****Signal word**

Danger

**Hazard statements**

H304

May be fatal if swallowed and enters airways.

**Precautionary statements****Prevention**

P260

Do not breathe gas/fumes/vapour/spray.

**Response**

P301 + P310

IF SWALLOWED: Immediately call a POISON CENTRE/doctor.

P331

Do NOT induce vomiting.

**Storage**

P405

Store locked up.

**Disposal**

P501

See section 13 of this SDS for disposal instructions.  
 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Supplemental label information**

None.

**2.3. Other hazards**

This substance does not meet vPvB / PBT criteria of Regulation (EC) No 1907/2006, Annex XIII. 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. The substance is not included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties.

**SECTION 3: Composition/information on ingredients****3.1. Substances****General information**

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Distillates (petroleum), hydrotreated light naphthenic	<=100	64742-53-6 265-156-6	01-2119480375-34	649-466-00-2	
<b>Classification:</b> Asp. Tox. 1;H304					

**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**

Treat symptomatically.

**SECTION 5: Firefighting measures****General fire hazards**

No unusual fire or explosion hazards noted.

**5.1. Extinguishing media****Suitable extinguishing media**

Halon. Dry chemicals. Foam. Carbon dioxide (CO2). Water spray or fog.

**Unsuitable extinguishing media**

Do not use a solid water stream as it may scatter and spread 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**

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

**Special fire fighting procedures**

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. 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.

<b>For emergency responders</b>	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.
<b>6.2. Environmental precautions</b>	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. If this material is spilled into navigable waters and creates a visible sheen, it is reportable to the National Response Center.
<b>6.3. Methods and material for containment and cleaning up</b>	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.
<b>6.4. Reference to other sections</b>	For personal protection, see section 8 of the SDS. For waste disposal, see section 13.

## SECTION 7: Handling and storage

<b>7.1. Precautions for safe handling</b>	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.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	Use care in handling/storage. Keep away from heat, sparks and open flame. Store in a well-ventilated place.
<b>7.3. Specific end use(s)</b>	Observe industrial sector guidance on best practices.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Belgium. Exposure Limit Values

Material	Type	Value	Form
HyPrint 70E	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.
Components	Type	Value	Form
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.

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

Material	Type	Value
HyPrint 70E	TWA	5 mg/m <sup>3</sup>
Components	Type	Value
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TWA	5 mg/m <sup>3</sup>

##### Czech Republic. OELs. Government Decree 361

Material	Type	Value
HyPrint 70E	Ceiling	1000 mg/m <sup>3</sup>
	TWA	200 mg/m <sup>3</sup>

##### Denmark. Exposure Limit Values

Material	Type	Value	Form
HyPrint 70E	TLV	1 mg/m <sup>3</sup>	Mist.
Components	Type	Value	Form
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TLV	1 mg/m <sup>3</sup>	Mist.

**Finland. Workplace Exposure Limits**

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyPrint 70E	TWA	5 mg/m <sup>3</sup>	Mist.
<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	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)**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TWA	5 mg/m <sup>3</sup>	Respirable fraction.

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

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyPrint 70E	TWA	5 mg/m <sup>3</sup>	Mist.
<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TWA	5 mg/m <sup>3</sup>	Mist.

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

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyPrint 70E	Ceiling	5 mg/m <sup>3</sup>	Mist.
<b>Components</b>	<b>Type</b>	<b>Value</b>	
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TWA	5 mg/m <sup>3</sup>	

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

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyPrint 70E	TWA	1 mg/m <sup>3</sup>	Mist.
<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TWA	1 mg/m <sup>3</sup>	Mist.

**Ireland. Occupational Exposure Limits**

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyPrint 70E	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.

**Italy. Occupational Exposure Limits**

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyPrint 70E	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TWA	5 mg/m <sup>3</sup>	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 light naphthenic (CAS 64742-53-6)	TWA	5 mg/m <sup>3</sup>

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

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyPrint 70E	STEL	3 mg/m <sup>3</sup>	Fume and mist.
	TWA	1 mg/m <sup>3</sup>	Fume and mist.

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	STEL	3 mg/m <sup>3</sup>	Fume and mist.
	TWA	1 mg/m <sup>3</sup>	Fume and mist.

**Netherlands. OELs (binding)**

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyPrint 70E	TWA	5 mg/m <sup>3</sup>	Mist.

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TWA	5 mg/m <sup>3</sup>	Mist.

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

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyPrint 70E	TLV	1 mg/m <sup>3</sup>	Mist.

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TLV	1 mg/m <sup>3</sup>	Mist.

**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>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyPrint 70E	STEL	10 mg/m <sup>3</sup>	Aerosol
	TWA	5 mg/m <sup>3</sup>	Aerosol

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
		0 ppm	Inhalable fraction.

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

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HyPrint 70E	STEL	10 mg/m <sup>3</sup>	Aerosol
	TWA	5 mg/m <sup>3</sup>	Aerosol

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.

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

<b>Material</b>	<b>Type</b>	<b>Value</b>
HyPrint 70E	STEL	10 mg/m <sup>3</sup>
	TWA	5 mg/m <sup>3</sup>

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

Components	Type	Value
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	STEL	10 mg/m <sup>3</sup>
	TWA	5 mg/m <sup>3</sup>

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

Components	Type	Value	Form
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	STEL	3 mg/m <sup>3</sup>	Fume and mist.
	TWA	15 ppm	Fume and mist.
		1 mg/m <sup>3</sup>	Fume and mist.
		5 ppm	Fume and mist.

**Spain. Occupational Exposure Limits**

Material	Type	Value	Form
HyPrint 70E	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.
Components	Type	Value	Form
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.

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

Material	Type	Value	Form
HyPrint 70E	STEL	3 mg/m <sup>3</sup>	Mist.
	TWA	1 mg/m <sup>3</sup>	Mist.
Components	Type	Value	Form
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	STEL	3 mg/m <sup>3</sup>	Mist.
	TWA	1 mg/m <sup>3</sup>	Mist.

**Switzerland. SUVA Grenzwerte am Arbeitsplatz**

Components	Type	Value	Form
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	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)****General Population**

Components	Value	Assessment factor	Notes
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	Long-term, Local, Inhalation	1,19 mg/m <sup>3</sup>	75 Repeated dose toxicity
	Long-term, Systemic, Oral	0,74 mg/kg	120 Repeated dose toxicity

**Workers**

Components	Value	Assessment factor	Notes
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	Long-term, Local, Inhalation	5,58 mg/m <sup>3</sup>	45 Repeated dose toxicity
	Long-term, Systemic, Dermal	0,97 mg/kg	72 Repeated dose toxicity
	Long-term, Systemic, Inhalation	2,73 mg/m <sup>3</sup>	45 Repeated dose toxicity

**Predicted no effect concentrations (PNECs)**

Components	Value	Assessment factor	Notes
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)			
Secondary poisoning	9,33 mg/kg		Oral

**Exposure guidelines****Austria MAK: Skin designation**

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Can be absorbed through the skin.

**Belgium OELs: Skin designation**

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Can be absorbed through the skin.

**Croatia ELVs: Skin designation**

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Can be absorbed through the skin.

**Czech Republic PELs: Skin designation**

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Can be absorbed through the skin.

**Estonia OELs: Skin designation**

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Can be absorbed through the skin.

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

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Can be absorbed through the skin.

**Iceland OELs: Skin designation**

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Can be absorbed through the skin.

**Ireland Exposure Limit Values: Skin designation**

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Can be absorbed through the skin.

**Lithuania OELs: Skin designation**

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Can be absorbed through the skin.

**Netherlands OELs (binding): Skin designation**

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Can be absorbed through the skin.

**Slovakia OELs for Carcinogens and Mutagens: Skin designation**

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Can be absorbed through the skin.

**Slovenia. CMR. Protection of workers from exposure to carcinogen and mutagen agents (ULRS 101/2005, as amended)**

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Can be absorbed through the skin.

**Sweden Threshold Limit Values: Skin designation**

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Can be absorbed through the skin.

**8.2. Exposure controls****Appropriate engineering controls**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

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

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Eye/face protection**

Goggles/face shield are recommended. Eye protection should meet standard EN 166.

**Skin protection****- Hand protection**

Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves. When prolonged or frequent repeated contact occurs, Nitrile gloves may be suitable. (Breakthrough time of > 240 minutes.) For incidental contact/splash protection Neoprene, PVC gloves may be suitable. Wear suitable gloves tested to EN374.

**- Other**

Chemical/oil resistant clothing is recommended. Launder contaminated clothing before reuse.

<b>Respiratory protection</b>	Under normal conditions, respirator is not normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. No respiratory protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate/organic gases and vapours [boiling point >65 °C (149 °F)] meeting EN14387.
<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 to remove contaminants. Discard contaminated footwear that cannot be cleaned.
<b>Environmental exposure controls</b>	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Colour</b>	Water White to Pale yellow
<b>Odour</b>	Mild Petroleum Odor
<b>Melting point/freezing point</b>	-57 °C (-70,6 °F)
<b>Boiling point or initial boiling point and boiling range</b>	> 226,67 °C (> 440 °F) ASTM D2887/ ISO 3294
<b>Flammability</b>	Will burn if involved in a fire.
<b>Flash point</b>	158,0 °C (316,4 °F) Cleveland open cup 148,0 °C (298,4 °F) Pensky-Martens Closed Cup ASTM D93
<b>Auto-ignition temperature</b>	> 315,56 °C (> 600 °F)
<b>Decomposition temperature</b>	The property has not been measured.
<b>pH</b>	The property has not been measured.
<b>Kinematic viscosity</b>	The property has not been measured.
<b>Solubility</b>	
<b>Solubility (water)</b>	The property has not been measured.
<b>Partition coefficient (n-octanol/water) (log value)</b>	Not established.
<b>Vapour pressure</b>	The property has not been measured.
<b>Density and/or relative density</b>	
<b>Relative density</b>	0,894 (15,56 °C (60 °F) ASTM D4052/ ISO 12185)
<b>Vapour density</b>	> 5
<b>Particle characteristics</b>	
<b>Particle size</b>	Not applicable, material is a liquid.

### 9.2. Other information

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

### 9.2.2. Other safety characteristics

**Viscosity** 12,5 cSt (40 °C (104 °F) ISO 3104)

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	Strong oxidising agents.
<b>10.2. Chemical stability</b>	Stable.
<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.
<b>10.5. Incompatible materials</b>	Strong oxidising 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

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

### Information on likely routes of exposure

<b>Inhalation</b>	May be fatal if swallowed and enters airways.
<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. May be fatal if swallowed and enters airways.

**Symptoms** Defatting of the skin. Exposure may cause temporary irritation, redness, or discomfort. Coughing. Shortness of breath. Discomfort in the chest.

### 11.1. Information on toxicological effects

**Acute toxicity** Not applicable.

Components	Species	Test Results
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 2000 mg/kg
<b>Inhalation</b>		
LC50	Rat	> 5000 mg/m <sup>3</sup>
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg

Not available. \* Estimates for product may be based on additional component data not shown.

<b>Skin corrosion/irritation</b>	Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Not classified. May cause minor irritation on eye contact.
<b>Respiratory sensitisation</b>	Not classified.
<b>Skin sensitisation</b>	Not classified.
<b>Germ cell mutagenicity</b>	Chilean Spanish went out in Job 18-0024189, French and German were reviewed under 17-0023466 and Hindi under 17-0023485
<b>Carcinogenicity</b>	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)

Not listed.

<b>Reproductive toxicity</b>	Contains no ingredient listed as toxic to reproduction
<b>Specific target organ toxicity - single exposure</b>	Causes central nervous system effects.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.
<b>Mixture versus substance information</b>	Not available.

### 11.2. Information on other hazards

<b>Endocrine disrupting properties</b>	This substance does not have endocrine disrupting properties with respect to human health, as it does not meet the assessment criteria laid out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605.
<b>Other information</b>	Risk of chemical pneumonia after aspiration.

## SECTION 12: Ecological information

<b>12.1. Toxicity</b>	Based on available data, the classification criteria are not met for hazardous to the aquatic environment.
<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>	This substance does not meet vPvB / PBT criteria of Regulation (EC) No 1907/2006, Annex XIII.
<b>12.6. Endocrine disrupting properties</b>	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.
<b>12.7. Other adverse effects</b>	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>	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.

## 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.

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)

## Other EU regulations

### Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

## Other regulations

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

Directive 2012/18/EU on major accident hazards involving dangerous substances:  
Part 2 (Named dangerous substances) - 34. Petroleum products and alternative fuels.

## National regulations

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

Germany: WGK 1

## 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## International Inventories

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

Not available.

### References

ACGIH  
IARC Monographs. Overall Evaluation of Carcinogenicity  
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices  
Chemical Abstracts Service Registry Handbook  
CRC: Handbook of Chemistry and Physics  
ILO Safety Cards  
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

### 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

H304 May be fatal if swallowed and enters airways.

**Revision information**

This document has undergone significant changes and should be reviewed in its entirety.

**Training information**

Follow training instructions when handling this material.

**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.