

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

Name of the substance HyPrene 100
Identification number 649-465-00-7 (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 Tire Oils, Rubber Compounding, Automotive & Industrial Hoses, Dedusting, Plasticizer, Titanium Dioxide Wash, Compressor Wash Oils, Hydraulic Fracturing Oil, Adhesives, Carpet Backing, Feed Stock for White Oil, Refrigeration Oil, Diluents and Carriers, Carbon Black, Banbury Dust Stop, Defoamers, Sealants, Belts & Hoses, Coatings, Leather Tanning, Agriculture Oils.
Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Manufacturer: Ergon, Inc.
P.O. Box 1639
Jackson, MS 39181 USA
EU Contact: Ergon International, Inc.
Drève Richelle 161 Building C
B-1410 Waterloo, Belgium

Emergency Phone**Numbers:**

US Customer Service: + 1-800-222-7122
Chemtrec: + 1-800-424-9300 After Business Hours (North America)
+ 1-703-527-3887 (International),
+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****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**

Hazard pictograms None.
Signal word None.
Hazard statements The substance does not meet the criteria for classification.

Precautionary statements

Prevention Observe good industrial hygiene practices.
Response Wash hands after handling.
Storage Store away from incompatible materials.
Disposal Dispose of waste and residues in accordance with local authority requirements.

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 heavy naphthenic	≤100	64742-52-5 265-155-0	01-2119467170-45	649-465-00-7	
Classification: -					L

Composition comments

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

SECTION 4: First aid measures

General information

Contact physician if discomfort continues.

4.1. Description of first aid measures

Inhalation

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

Skin contact

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

Eye contact

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

Ingestion

Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a poison control center 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. Do not use water jet as an extinguisher, as this will spread the fire.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special protective equipment for firefighters

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 pressurized 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

Keep unnecessary personnel away. Ensure adequate ventilation. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Local authorities should be advised if significant spillages cannot be contained.

For emergency responders

Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation.

6.2. Environmental precautions

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

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 or absorbent material then 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 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

7.2. Conditions for safe storage, including any incompatibilities

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

7.3. Specific end use(s)

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

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

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

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

Components	Type	Value
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3

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)

Material	Type	Value
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers p	Ceiling	1000 mg/m3
	TWA	200 mg/m3

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

Material	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers p	STEL	2 mg/m3	Mist.
	TLV	1 mg/m3	Mist.
Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	2 mg/m3	Mist.
	TLV	1 mg/m3	Mist.

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

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

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

Material	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers p	TWA	5 mg/m3	Respirable fraction.

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

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

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

Material	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers p	TWA	5 mg/m3	Mist.

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

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Mist.

Iceland. OELs. Regulation 390/2009 on Pollution Limits and Measures to Reduce Pollution at the Workplace, as amended

Material	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers p	TWA	1 mg/m3	Mist.

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	1 mg/m3	Mist.

Italy. OELs (Legislative Decree n.81, 9 April 2008), as amended

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

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.

Latvia. OELs. Occupational Exposure Limits of Chemical Substances at Workplace (Reg. No. 325/ 2007, L.V. 80, Annex 1), as amended

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

Components	Type	Value
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3

Lithuania. OELs. Occupational Exposure Limit Values for Chemical Substances (Hygiene Norm HN 23:2011; Order No. V-824/A1-389), as amended

Material	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers p	STEL	3 mg/m3	Fume and mist.

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.

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

Material	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers p	TWA	5 mg/m3	Mist.

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Mist.

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

Material	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers p	TLV	1 mg/m3	Mist.

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TLV	1 mg/m3	Mist.

Poland. Maximum permissible concentrations and intensities of harmful factors in the work environment (Dz.U.Poz. 1286/2018, Annex 1)

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796-2014)

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

Romania. OELs. Limit Values of Chemical Agents at Workplace (Regulation 1.218/2006, M.O 845, Annex 1, 3&4, as amended)

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

Slovakia. OELs. Maximum permissible exposure limits for chemical factors in workplace air (Regulation No 355/2006, Annex 1, Table 1, as amended)

Material	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers p	STEL	3 mg/m3	Fume and mist.
		15 ppm	Fume and mist.
	TWA	1 mg/m3	Fume and mist.
		5 ppm	Fume and mist.
Components	Type	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. OELs. INSST, Límites de Exposición Profesional Para Agentes Químicos, Table 1-Valores Límites Ambientales (VLAs)

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

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

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

Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte

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

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

Recommended monitoring procedures Follow standard monitoring procedures.

Derived no effect levels (DNELs)	Not available.
Predicted no effect concentrations (PNECs)	Not available.
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	Not available.
Eye/face protection	Goggles/face shield are recommended.
Skin protection	
- Hand protection	Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.
- Other	Chemical/oil resistant clothing is recommended. Launder contaminated clothing before reuse.
Respiratory protection	Under normal conditions, respirator is not normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
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	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

Physical state	Liquid.
Form	Liquid.
Color	Amber
Odor	Mild Petroleum Odor
Melting point/freezing point	-56 °F (-48,89 °C) ASTM D5949/ ISO 3016
Boiling point or initial boiling point and boiling range	>600 °F (>315,56 °C) ASTM D2887/ ISO 3294
Flammability	Not available.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Flash point	379,9 °F (193,3 °C) Closed Cup 343,4 °F (173,0 °C) Cleveland Open Cup ASTM D92/ ISO 2592 323,6 °F (162,0 °C) Pensky-Martens Closed Cup ASTM D93
Auto-ignition temperature	>600 °F (>315,56 °C) ASTM E659
Decomposition temperature	Property has not been measured.
pH	Property has not been measured.
Kinematic viscosity	1,99 - < 847 mm ² /s (104 °F (40 °C))
Solubility	
Solubility (water)	Insoluble
Partition coefficient (n-octanol/water) (log value)	Not established.
Vapor pressure	Property has not been measured.
Density and/or relative density	
Relative density	0,91
Relative density temperature	60,08 °F (15,6 °C) ASTM D4052/ ISO 12185
Vapor density	Property has not been measured.

Particle characteristics

Particle size	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

Heat of combustion (NFPA 30B)	31,5 kJ/g
Molecular formula	UVCB
Surface tension	<35 mN/m (77 °F (25 °C))
Viscosity	21 cSt
Viscosity temperature	104 °F (40 °C) ASTM D445/ ISO 3104

SECTION 10: Stability and reactivity

10.1. Reactivity	Strong oxidizing agents.
-------------------------	--------------------------

10.2. Chemical stability	Stable.
---------------------------------	---------

10.3. Possibility of hazardous reactions	Hazardous polymerization does not occur.
---	--

10.4. Conditions to avoid	Avoid temperatures exceeding the flash point.
----------------------------------	---

10.5. Incompatible materials	Strong oxidizing agents.
-------------------------------------	--------------------------

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

SECTION 11: Toxicological information

General information	Not available.
----------------------------	----------------

Information on likely routes of exposure

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.
------------------	---

Symptoms	Not available.
-----------------	----------------

11.1. Information on hazard classes 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 sensitization	Not classified.
----------------------------------	-----------------

Skin sensitization	Not classified.
---------------------------	-----------------

Germ cell mutagenicity	Non-mutagenic based on Modified Ames Assay.
-------------------------------	---

Carcinogenicity	Note L - Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.
------------------------	---

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

Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)

IARC Monographs. Overall Evaluation of Carcinogenicity

Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	3 Not classifiable as to carcinogenicity to humans.
---	---

Latvia Carcinogens/Mutagens: Carcinogen

Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	Carcinogen rating: 1B
---	-----------------------

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 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 Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605.

Other information Not available.

SECTION 12: Ecological information

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** This substance does not meet vPvB / PBT criteria of Regulation (EC) No 1907/2006, Annex XIII.

**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 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

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** 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. 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 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.

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

Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)

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

Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)

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 (EU) 2020/878.

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

Latvia. Carcinogens and Mutagens at workplace (Regulation on requirements of carcinogenic substances at workplace, Annex 1, No 803/2008 as amended)

Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)

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

Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)

France regulations

France INRS Table of Occupational Diseases

Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) Affections provoquées par les huiles et graisses d'origine minérale ou de synthèse 36

15.2. Chemical safety assessment

No 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

Country(s) or region	Inventory name	On inventory (yes/no)*
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	None.
Revision information	None.
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.