

**1. Identification**

**Product identifier** HyPrene 100E

**Other means of identification** Not available.

**Recommended use** 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.

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

**Manufacturer:** Ergon Refining  
**Address:** 2611 Haining Rd  
 Vicksburg, Mississippi 39183  
**E-Mail:** sds@ergon.com

**Emergency Contacts**

**Ergon Refining:** 1.601.638.4960 Normal Business Hours  
**Chemtrec:** 1.800.424.9300 After Business Hours (North America Only)  
 1.703.527.3887 After Business Hours (International)

**2. Hazard(s) identification**

**Physical hazards** Not classified.

**Health hazards** Not classified.

**Environmental hazards** Not classified.

**OSHA defined hazards** Not classified.

**Label elements**

**Hazard symbol** None.

**Signal word** Not available.

**Hazard statement** Not available.

**Prevention** Not applicable.

**Response** Not applicable.

**Storage** Store in accordance with local/regional/national/international regulation.

**Disposal** Not applicable.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** None.

**3. Composition/information on ingredients**

**Mixtures**

Chemical name	Common name and synonyms	CAS number	%
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC		64742-52-5	100

**Composition comments** Not applicable.

**4. 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.

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

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

## 5. Fire-fighting measures

**Suitable extinguishing media** Halon. Dry chemicals. Foam. Carbon dioxide (CO2). Water spray or fog.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical** No unusual fire or explosion hazards noted.

**Special protective equipment and precautions for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

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

**General fire hazards** Not established.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. 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.

**Methods and materials for containment and cleaning up**

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth 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. For waste disposal, see section 13 of the SDS.

**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.

## 7. Handling and storage

**Precautions for safe handling** DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands after handling and before eating. Do not get this material in contact with eyes. Avoid contact with skin. Avoid prolonged exposure. All handling to take place in well-ventilated area. Shower after work. Remove and wash contaminated clothing promptly.

**Conditions for safe storage, including any incompatibilities** CAUTION Store locked up. Keep away from heat, sparks and open flame. Store in a well-ventilated place. Keep out of the reach of children. Use care in handling/storage.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### U.S. - OSHA

#### Material

Material	Type	Value
HyPrene 100E	PEL	2000 mg/m <sup>3</sup> 500 ppm
	TWA	1600 mg/m <sup>3</sup> 400 ppm

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC (CAS 64742-52-5)	PEL	5 mg/m <sup>3</sup>	Mist.

ACGIH Material	Type	Value	Form
HyPrene 100E	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
US. NIOSH: Pocket Guide to Chemical Hazards Components	Type	Value	Form
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC (CAS 64742-52-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	Adequate ventilation should be provided whenever the material is heated or mists are generated.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Goggles/face shield are recommended.
<b>Hand protection</b>	Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.
<b>Other</b>	Wear appropriate chemical resistant gloves. Chemical/oil resistant clothing is recommended. Launder contaminated clothing before reuse.
<b>Respiratory protection</b>	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Under normal conditions, respirator is not normally required.
<b>Thermal hazards</b>	Not available.
<b>General hygiene considerations</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.

## 9. Physical and chemical properties

<b>Appearance</b>	Clear & bright
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Amber
<b>Odor</b>	Mild Petroleum Odor
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	< -20 °F (< -28.89 °C) ASTM D 5949/ ISO 3016
<b>Initial boiling point and boiling range</b>	> 600 °F (> 315.56 °C) ASTM D 2887/ ISO 3294
<b>Flash point</b>	> 325.0 °F (> 162.8 °C) Cleveland Open Cup ASTM D 92/ ISO 2592
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	0.91
<b>Relative density temperature</b>	60.08 °F (15.6 °C) ASTM D 4052/ ISO 12185
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.

<b>Partition coefficient (n-octanol/water)</b>	Not established.
<b>Auto-ignition temperature</b>	> 600 °F (> 315.56 °C) ASTM E 659
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	> 20.5 cSt
<b>Viscosity temperature</b>	104 °F (40 °C) ASTM D 445/ ISO 3104

## 10. Stability and reactivity

<b>Reactivity</b>	Not available.
<b>Chemical stability</b>	Material is stable under normal conditions. Stable under normal temperature conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Heat, flames and sparks. Avoid temperatures exceeding the flash point. Heat, sparks, flames.
<b>Incompatible materials</b>	Strong oxidizing agents. Oxidizing agents.
<b>Hazardous decomposition products</b>	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Ingestion</b>	May be harmful if swallowed and enters airways. Not available.
<b>Inhalation</b>	May be harmful if swallowed and enters airways. Not available.
<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.

**Symptoms related to the physical, chemical and toxicological characteristics** Not available.

### Information on toxicological effects

<b>Acute toxicity</b>	None known.
<b>Skin corrosion/irritation</b>	Defatting, drying and cracking of skin.
<b>Serious eye damage/eye irritation</b>	May be irritating to eyes.

### Respiratory or skin sensitization

<b>Respiratory sensitization</b>	Not classified.
<b>Skin sensitization</b>	Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

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

### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

<b>Reproductive toxicity</b>	Contains no ingredient listed as toxic to reproduction
<b>Specific target organ toxicity - single exposure</b>	May cause irritation to the respiratory system.
<b>Specific target organ toxicity - repeated exposure</b>	Skin.
<b>Aspiration hazard</b>	Not available.
<b>Chronic effects</b>	Prolonged or repeated contact may cause drying, cracking, or irritation of the skin.
<b>Further information</b>	Not assigned.

## 12. Ecological information

<b>Ecotoxicity</b>	Not expected to be harmful to aquatic organisms.
<b>Persistence and degradability</b>	Not inherently biodegradable.
<b>Bioaccumulative potential</b>	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
<b>Mobility in soil</b>	Not available.
<b>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.

### 13. Disposal considerations

<b>Disposal instructions</b>	Contract with a disposal operator licensed by the Law on Disposal and Cleaning. Do not discharge into drains, water courses or onto the ground. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose in accordance with all applicable regulations. When your own wastewater treatment plant is not available, collect entire waste and then charge to a licensed industrial waste management professional with manifests for industrial waste.
<b>Hazardous waste code</b>	Not applicable.
<b>Waste from residues / unused products</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.

### 14. Transport information

#### DOT

Not regulated as dangerous goods.

#### IATA

Not regulated as dangerous goods.

#### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not available.

### 15. Regulatory information

**US federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

#### **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

#### **CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

#### **US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

#### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

#### **SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No

#### **SARA 313 (TRI reporting)**

Not regulated.

#### **Other federal regulations**

##### **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

##### **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

#### **US state regulations**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**US. Massachusetts RTK - Substance List**

Not regulated.

**US. New Jersey Worker and Community Right-to-Know Act**

Not regulated.

**US. Pennsylvania RTK - Hazardous Substances**

Not regulated.

**US. Rhode Island RTK**

Not regulated.

**US. California Proposition 65**

Not Listed.

**International Inventories**

<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
Australia	Australian Inventory of Chemical Substances (AICS)	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
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).

**16. Other information, including date of preparation or last revision****Issue date** 02-26-2016**Version #** 01**Further information** HMIS® is a registered trade and service mark of the NPCA.

**References**

Chemical Abstracts Service Registry Handbook  
 CRC: Handbook of Chemistry and Physics  
 Global Automotive Declarable Substances List (GADSL), Version 1.0  
 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

**Disclaimer**

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**Revision Information** Product and Company Identification: Product and Company Identification