

H-V300T

Date of Preparation: October 1, 2009

Section 1 - Chemical Product and Company Identification

Product Name: H-V300T
Chemical Name: Severely Hydrotreated Heavy Naphthenic Distillate
Chemical Family: Petroleum Distillate
Chemical Formula: Not Applicable
CAS Number: 64742-52-5
Other Designations: Contains Oil
Manufacturer: Ergon Refining, Inc., P.O. Box 309, Vicksburg, MS 39181
Company Contact: Will Poe, Phone (601) 630-8319

EMERGENCY TELEPHONE NUMBERS:

Ergon Refining, Inc. (601) 638-4960 Normal Business Hours
 Chemtrec (800) 424-9300 After Business Hours

Section 2 - Composition / Information on Ingredients

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 predominantly in the range of C20 through C50 and produces finished oil with a viscosity near range of 200-500 SUS @ 100°F.

Ingredient Name	CAS Number	% vol
Severely Hydrotreated Heavy Naphthenic Petroleum Oil	64742-52-5	100.0

Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Severely Hydrotreated Light Naphthenic Petroleum Oil	5 mg/m ³ (oil mist)	none estab.	5 mg/m ³ (oil mist)	10 mg/m ³ (oil mist)	none estab.	none estab.	none estab.

Section 3 - Hazards Identification

☆☆☆☆☆ **Emergency Overview** ☆☆☆☆☆

Not Expected to cause a severe emergency hazard.

HMIS

H 1

F 1

R 0

PPE† B

†Sec. 8

Potential Health Effects

Primary Entry Routes: Skin

Inhalation: Inhalation of vapors or mist may be irritating to respiratory passages. Prolonged exposure may result in dizziness and nausea.

Eye: Eye contact may result in irritation and redness.

Skin: Prolonged and repeated contact can defat the skin, which may result in dryness, dermatitis, and cracking of the skin.

Ingestion: May result in nausea or stomach discomfort.

Carcinogenicity: Based on OSHA 1910.1200 and IARC study requirements, this product does not require labeling.

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

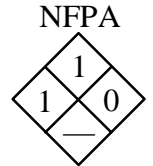
Medical Conditions Aggravated by Long-Term Exposure: Personnel with pre-existing skin disorders should avoid contact with this product.

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. Assist breathing if necessary. Seek medical help.
Eye Contact: Wash with water. If irritation or redness persists seek medical help.
Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing. Reuse only after cleaning.
Ingestion: If swallowed, observe for signs of stomach discomfort or nausea. If symptoms persist, seek medical help.

Section 5 - Fire-Fighting Measures

Flash Point: 340 °F (171 °C)
Flash Point Method: COC
Burning Rate: Not available
Autoignition Temperature: > 600 °F (> 315 °C)
Lower Explosive Level (LEL): Not determined
Upper Explosive Limit (UEL): Not determined
Flammability Classification: OSHA Class III-B Combustible Liquid
Extinguishing Media: Halon, dry chemical, foam, CO2 and water mist or fog. Water may be used to cool below flash point.
Unusual Fire or Explosion Hazards: Do not use forced stream as this could cause fire to spread.
Combustion Products: Fumes, smoke and carbon monoxide.
Fire-Fighting Instructions and Equipment: Use water to cool containers exposed to flames. Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available).



Section 6 - Accidental Release Measures

Spill /Leak Procedures: Stop spill at source if possible without risk. Contain spill. Eliminate sources of ignition. Spill area will be slick. Recover all possible material for reclamation. Use non-flammable absorbent material to pick up remainder of spill.

Section 7 - Handling and Storage

Handling and Storage Precautions: Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty oil containers can contain explosive vapors. NFPA Class IIIB storage. Wash thoroughly after handling.
Work / Hygienic Practices: Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Do not use gasoline, solvents, kerosene, or harsh abrasive skin cleaners for washing exposed skin areas. Take a shower after work if general contact occurs. Remove oil-soaked clothing and launder before reuse. Discard contaminated shoes and leather gloves.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Adequate ventilation is required where excessive heating or agitation may occur to maintain concentration below exposure limits.
Eye / Face Protection: Safety glasses or face shield where splashing is possible.
Skin Protection: As needed to prevent repeated skin contact. Solvent resistant gloves should be used if needed.
Respiratory Protection: Not Normally Needed. Respirator should be used in areas where vapor concentrations are excessive due to high temperatures or where oil misting occurs.

Section 9 - Physical and Chemical Properties

<p>Physical State: Liquid</p> <p>Appearance: Golden Oily Liquid</p> <p>Odor: Mild Petroleum Odor</p> <p>Odor Threshold: Not determined</p> <p>Vapor Pressure: Not applicable</p> <p>Vapor Density (Air=1): > 5</p> <p>Specific Gravity (H₂O=1): 0.91 - 0.92</p>	<p>Water Solubility: Nil</p> <p>Boiling Point: 500-1100°F (260-595°C)</p> <p>Melting Point: - 15°F (- 25°C)</p> <p>% Volatile: Nil</p> <p>Evaporation Rate: Not available</p> <p>pH: Not applicable</p>
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Section 10 - Stability and Reactivity

Stability: Stable

Polymerization: Polymerization will not occur.

Chemical Incompatibilities: Strong Oxidizers.

Conditions to Avoid (Stability): Sources of ignition.

Hazardous Decomposition Products: Combustion products include carbon dioxide and carbon monoxide.

Section 11- Toxicological Information

Acute Studies: Tests on similar materials show a low order of acute oral and dermal toxicity.

Eye Effects: Minimal irritation on contact.

Skin Effects: Practically non-toxic if absorbed. May cause mild irritation with prolonged and repeated exposure.

Acute Oral Effects: Tests on similar materials indicate low order of acute oral toxicity.

Acute Inhalation Effects: Low acute toxicity expected on inhalation.

This product is severely hydrotreated. Severely hydrotreated naphthenic petroleum oils have not been found to be carcinogenic or potential carcinogens.

Section 12 - Ecological Information

Aquatic Release: Advise authorities if product has entered or may enter watercourses or sewer drains.

Section 13 - Disposal Considerations

Follow Federal, State, and Local regulations. Not a RCRA hazardous waste if uncontaminated. If "used", RCRA criteria must be determined. Do not flush to drain / storm sewer. Contract to authorized disposal service. If permitted incineration may be practical. Consider recycling.

Section 14 - Transport Information

Proper Shipping Name: Not regulated by DOT	(Contains Oil)
Hazard Class: Not Applicable	
DOT ID No.: Not Applicable	
DOT Shipping Label: Not regulated by DOT	

Section 15 - Regulatory Information

U.S. Federal Regulatory Information:

SARA 311 Categories:	Immediate (Acute) Health Effects	No
	Delayed (Chronic) Health Effects	No
	Fire Hazard	No
	Sudden Release of Pressure Hazard	No
	Reactivity Hazard	No

EPA/TSCA Inventory: The components of this product are listed on the EPA/TSCA inventory of chemicals.
CAS No. 64742-52-5

Foreign Inventories: The components of this product are listed under the following foreign inventories:
European Union's EINICS No. 265-155-0
Korea's ECL No. KE-12543
Australia's AICS No. 64742-52-5
Canada's DSL No. 64742-52-5

Section 16 - Other Information

NFPA Hazard Rating

- Health	1 Slight
- Fire	1 Slight
- Reactivity	0 Least

Prepared By: Will Poe **Phone:** (601) 630-8319

Supersedes MSDS Dated:

January 1, 2007	Changed date
May 9, 2005	Changed date
August 1, 2003	Updated date
January 1, 2002	
December 1, 1996	

Disclaimer: Ergon Refining, Inc. believes this information is accurate but not all-inclusive in all circumstances. It is the responsibility of the user to determine suitability of the material for their purposes. No warranty, expressed or implied, is given.