



Material Safety Data Shee

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Date of Preparation:

June 5, 2003

Section 1 - Chemical Product and Company Identification

Product Name: Hyvolt II

Chemical Name: Severely Hydrotreated Light Naphthenic Distillate Chemical Family:

Petroleum Distillate Not Applicable

Chemical Formula:

64742-53-6

CAS Number:

Contains Oil

Other Designations:

Manufacturer: Ergon Refining, Inc., P.O. Box 309, Vicksburg, MS 39181

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 C15 through C30 and produces finished oil

	Ingredient Name	en eso and produces finished oil			
	Severely Hydrotreated Light No. 1.	CAS Number			
l	Butylated Hydroxytoluene (BHT) or 2,6-Di-tert-butyl-p-cresol (DBPC)	64742-53-6 > 99.7			
l	Trace Impurities:	128-37-0 < 0.3			

Trace Impurities:

	Ingredient Severely Hydrotreated Light Naphthenic Petroleum Oil	OSI TWA 5 mg/m ³ (oil mist)	Noue estab.	ACG TWA 5 mg/m ³ (oil mist)	STEL 10 mg/m ³ (oil mist)	NIÓS TWA none estab.	SH REL STEL none estab	NIOSH IDLH none estab.
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Section 3 - Hazards Identification

□両回回回尾mergency Overview □回回回回回 Not Expected to cause a severe emergency hazard.

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

Eye: Eye contact may result in slight irritation and redness.

Skin: Short term contact with skin is unlikely to cause any problems; excessive or prolonged and repeated contact and poor hygiene conditions may result in dryness, dermatitis, erythema, oil acne, cracking and defatting 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

Mutagenicty: This product gives negative mutagenic results from Modified Ames Assay.

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

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Section 9 - Physical and Chemical Properties

Physical State: Liquid Appearance: Clear & bright

Color: Water white to pale Odor: Mild Petroleum Odor

Odor Threshold: Not determined Vapor Pressure: Not applicable Vapor Density (Air=1): > 5

Specific Gravity (H2O=1): 0.88

Water Solubility: Nil

Boiling Point: 500-700°F (260-370°C)

Melting Point: -65°F (-55°C) % Volatile: Nil LVP-VOC Evaporation Rate: Not available

pH: Not applicable

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

Section 12 - Ecological Information

Aquatic Release: A dvise 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