

Material Safety Data Sheet

Diamond 4240

Identity (Trade Name As Used On Label)

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

AEVITAS SPECIALTY SERVICES CORP.

Manufacturer

623 Lycaste Street
Detroit, MI 48214

(313) 924-5175

(313) 924-5175

Emergency

Petroleum Hydrocarbon

Product Chemical Name

Hydraulic Oil

Intended Product Use

NOT APPLICABLE

MSDS Number

MIXTURE

CAS Number

January 3, 2013

Date Prepared

Environmental Department

Prepared By

DATA CONTAINED HEREIN IS PURSUANT TO THE ANSI Z400.1 STANDARD.

SECTION II - COMPOSITION AND INFORMATION ON INGREDIENTS

COMPONENTS - Chemical Name & Common Names (Required: hazardous components 1% or greater; carcinogens 0.1% or greater)	%V	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Solvent Refined Severely Hydrotreated Paraffinic Distillate 64742-65-0	95% to 99%	5 mg/m ³ (oil mist)	5 mg/m ³ (oil mist)	STEL: 10 mg/m ³ (oil mist)
Proprietary Anti-wear, anti-oxidant additive package	1% to 5%	not established	not established	
TOTAL	100%			

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	~640° F	Specific Gravity (H ₂ O = 1)	0.8815
Vapor Pressure (mm Hg and Temp.)	<0.01 mm Hg at 70° F	Melting Point	NOT APPLICABLE
Vapor Density (Air = 1)	>1.0	Evaporation Rate (Butyl Acetate=1)	0 AT AMBIENT TEMPERATURE
Solubility in Water	NIL	Water Reactive	NON-REACTIVE IN WATER
pH	NOT APPLICABLE	Viscosity, cST	41.4 – 50.6 @ 40 C
VOC content	NOT APPLICABLE	Density	7.35 ±y 0.2 lb/gal
Appearance and Odor	CLEAR LIQUID		

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SECTION IV - HAZARD IDENTIFICATION, FIRST-AID MEASURES, AND EXPOSURE CONTROL

	EFFECT OF OVEREXPOSURE	FIRST AID MEASURES	SPECIAL PROTECTION INFORMATION (PPE)
Eye Contact:	May cause irritation.	Flush immediately with water for at least 15 minutes.	Wear safety glasses.
Inhalation:	May cause irritation of mucous membranes. Liquid aspirated into lungs may cause chemical pneumonitis.	Remove victim to fresh air.	Permissible exposure limit for oil mist is 5 mg/m ³ . Use NIOSH approved respiratory protection in areas of excessive mist. Use local and mechanical exhaust as necessary to control mist.
Ingestion:	May cause irritation of mucous membranes.	Do not induce vomiting. Seek medical attention.	
Skin Absorption:	Prolonged use may cause mild irritation and dermatitis.	Wash well with soap and water.	Wear oil impervious gloves, such as neoprene.

SECTION V - STABILITY AND REACTIVITY

Stability: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable
Incompatibility (Materials to Avoid): Strong oxidizing agents
Conditions To Avoid: Extreme heat and open flame
Hazardous Decomposition Products: May form carbon monoxide as a result of incomplete combustion. Carbon dioxide and oxides of sulfur may form during combustion.
Hazardous Polymerization: <input checked="" type="checkbox"/> Will Not Occur <input type="checkbox"/> May Occur

SECTION VI - ACCIDENTAL RELEASE AND DISPOSAL MEASURES

Steps to be taken in case material is released or spilled: Eliminate all ignition sources. Contain spill with absorbent material or earthen dike. Advise authorities if material has entered sewers, water sources, or extensive land areas.
Waste disposal method: Recycle as much as possible. Dispose of absorbent material in accordance with federal, state and local regulations.

SECTION VII - HANDLING AND STORAGE

Precautions to be taken in handling and storing: Store away from ignition sources and strong oxidizing agents. Avoid extreme heat and contact with open flame.
Other Precautions: Good personal hygiene is important. Keep area clean and wash hands before eating.

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SECTION VIII - FIRE-FIGHTING MEASURES

Flash Point and Method Used	440° F MIN. (Cleveland Open Cup)	Auto-Ignition Temperature (estimated)	640° F	Flammability Limits in Air % by Vol.	Not Determined	LEL ND	UEL ND
Extinguisher Media	DRY CHEMICAL, FOAM, CO ₂ , HALON						
HMIS Rating	HEALTH: 1	FLAMMABILITY: 1	REACTIVITY: 0				
Special fire Fighting Procedures	AVOID INHALATION OF MISTS AND WEAR SELF-CONTAINED BREATHING APPARATUS.						

SECTION IX - TOXICOLOGICAL INFORMATION

Clinical test data:	NOT AVAILABLE
Carcinogens:	NO INGREDIENTS LISTED

SECTION X - ECOLOGICAL INFORMATION

Ecological Impact data:	NOT AVAILABLE
Ecotoxicology data:	NOT AVAILABLE

SECTION XI - TRANSPORTATION

DOT Labeling Information (49 CFR 172.101)	Hazard Class:	NOT APPLICABLE	WHMIS Classification:	NOT APPLICABLE	
Proper Shipping Name:	PETROLEUM OIL	Hazard Identification Number:	NOT APPLICABLE	Packing Group:	NOT APPLICABLE

SECTION XII - REGULATION

Categories under EPCRA 311 AND 312:	NOT APPLICABLE
Components Regulated Under EPCRA 313:	NOT APPLICABLE
Components Listed in the TSCA Inventory:	YES
RCRA Hazardous Waste Codes:	NOT APPLICABLE
CERCLA Reportable Quantity:	NOT APPLICABLE

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