

SAFETY DATA SHEET

Diamond 4230

Revision: 7/5/2020

1. Identification

Product Identifier Diamond 4230

Recommended Product Use: Hydraulic Oil

Manufacturer/Supplier

Aevitas Specialty Services Corp
663 Lycaste Street
Detroit, MI 48214
(313) 924-5175

Website: aevitas.us.com

Emergency Telephone Number: 800-323-9905

2. Hazards Identification

Classification of the Substance or Mixture



Signal Word: Warning

Skin Irritant 2
Eye Irritant 2
Skin Sensitization 1B
Aspiration Toxicity 2

H315 May Cause skin irritation
H320 May Cause Eye Irritation
H317 May cause an allergic skin reaction
H305 May be harmful if swallowed & enters airways

3. Composition/Information on Ingredients

Mixture

NON-HAZARDOUS INGREDIENTS:

64741-88-4	Severely Solvent Refined Heavy Paraffinic Petroleum Oil	80 - 85%
64742-47-8	Hydrotreated Light Distillate	15 - 18%
Hydraulic Additive:		
177729-04-3	Fatty acids, coco, polymers with adipic acid, pentaerythritol, stearic acid and tall-oil fatty acids	<1%
72102-30-8	Fatty Acids, Vegetable-Oil ME Esters, Sulfurized	<1%

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4. First-aid measures

Inhalation: Remove victim to fresh air

Skin Contact: Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

Eye Contact: Remove contact lenses if worn. Flush with water for 15 minutes. If symptoms persist, see a doctor.

Ingestion: Rinse out mouth without swallowing. Do not induce vomiting. Seek medical attention immediately.

5. Fire-fighting measures

Extinguishing Media: Dry Chemical, Foam, CO₂, Halon

Unsuitable Extinguishing Media: Water Jet

Specific Hazards: None known

Special protective equipment and precautions for fire-fighters: Avoid inhalation of mists; wear self-contained breathing apparatus

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Protective equipment and personal precautions not required. Eliminate all ignition sources; do not allow entry into sewers, surface or groundwater.

Methods and material for containment and cleaning up: Contain spill with absorbent material or earthen dike.

7. Handling and Storage

Precautions for safe handling: Keep away from ignition sources and strong oxidizing agents. Avoid extreme heat and contact with open flame.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed. Keep container in a cool, well-ventilated area. Avoid extreme heat and contact with open flame and strong oxidizing agents.

8. Exposure controls/Personal Protection

Permissible Exposure Limits:

OHSA PEL	AGGIH TLV	OTHER LIMITS
5 mg/m ³ (oil mist)	5 mg/m ³ (oil mist)	STEL: 10 mg/m ³ (oil mist)
not established	not established	not available

Appropriate engineering controls: . Use local and mechanical exhaust as necessary to control mist.

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Individual protection measures: Wear safety glasses, wear oil impervious gloves. Permissible exposure limit for oil mist is 5 mg/m³. Use NIOSH approved respiratory protection in areas of excessive mist.

9. Physical and Chemical Properties

Appearance: Semi-Transparent Dark Brown liquid	Odor: Mild oil odor	Odor Threshold: not available
pH: not applicable	Melting pt/Freezing pt: does not apply	Boiling pt & range: 500°F
Flash pt: 300°F Min	Evaporation rate: 0 at ambient temperature	Flammability (solid/gas): not applicable
Upper flammability limit: not applicable	Lower Flammability limit: not applicable	Vapor Pressure: <0.01mm HG at 70°F
Vapor Density: <1.0	Relative density: not available	Solubility: Insoluble in water
Partition coefficient: nOctanol/water: not available	Auto-Ignition temperature: >500°F	Decomposition temperature: not available
Partition coefficient: nOctanol/water: Not available	Auto-Ignition temperature: Not Applicable	Decomposition temperature: Not available

10. Stability and reactivity

Reactivity: Not reactive in normal conditions of use, storage and transport

Chemical Stability: Material is stable under normal conditions.

Possibility of hazardous reactions: No dangerous reactions known under conditions of normal use.

Conditions to avoid incompatible materials: Extreme heat and open flame. Strong oxidizing agents

Hazardous decomposition products: May form Carbon Monoxide as a result of incomplete combustion. Carbon Dioxide and oxides of sulfur may form during combustion.

11. Toxicological Information

Occupational exposure to the material or mixture may cause adverse effects.

Acute data: Acute exposures to mineral oil mists may result in eye, skin, or upper respiratory tract irritation, headaches, dizziness, drowsiness, or the respiratory distress associated with

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chemical pneumonia. Aspiration may result in fever, rapid heartbeat, or cyanosis. Toxicity estimates not available.

Chronic exposure: Chronic exposures to mineral oil mists may result in skin irritation or dermatitis, shortness of breath, coughing, wheezing, or tachypnea.

Carcinogenicity: None of the components of this product present at equal to or greater than 0.1% of the product are listed by OSHA, NTP or IARC as suspected carcinogens.

12. Ecological information

Insufficient data on the product

13. Disposal considerations

Contain any liquid waste with absorbents. Dispose of waste in accordance with Federal, State and local regulations.

14. Transport information

Hazardous Materials Description: None

Hazard Class: None

Identification Number: None

15. Regulatory Information

RCRA: Not a RCRA regulated material

TSCA: TSCA 8(b) Inventory

CERCLA: Mineral spirits that are distilled from petroleum are considered petroleum for the purpose of CERCLA section 101(14) and, therefore, are excluded from the definition of hazardous substance.

SARA Title III: Mineral oil mist is not subject to EPA emergency planning requirements under the Superfund Amendments and Reauthorization Act (SARA) (Title III).

16. Other information

Other Information: A worker who handles mineral oil should thoroughly wash hands, forearms, and face with soap and water before eating, using tobacco products, using toilet facilities, applying cosmetics, or taking medication.

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