

Enviro-Safe Industrial Oil Lube Additive

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Enviro-Safe Industrial Oil Lube Additive
SDS Number: 2155 & 2157
Revision Date: 10/9/2024
Version: 3.5
Product Description: Reduce heat in hydraulic tanks.

Supplier Details: Enviro-Safe Refrigerants, Inc.
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2 HAZARDS IDENTIFICATION

Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
 No GHS Classifications Indicated

GHS Label Elements, Including Precautionary Statements

GHS Signal Word:

GHS Hazard Pictograms:

No GHS pictograms indicated for this product

GHS Hazard Statements:

No GHS hazards statements indicated

GHS Precautionary Statements:

No GHS precautionary statements indicated

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients

CAS#	%	Chemical Name
-40-7		Petroleum Lube Oil

4 FIRST AID MEASURES

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
Skin Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if redness, pain, or irritation occurs.
Eye Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if redness, pain, or irritation occurs.
Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

4.1. Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/Injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/Injuries After Inhalation: May cause respiratory irritation.

Symptoms/Injuries After Skin Contact: May cause skin irritation.

Symptoms/Injuries After Eye Contact: May cause eye irritation.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

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Chronic Symptoms: None expected under normal conditions of use.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

5 FIRE FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

6 ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Equip clean up crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

7 HANDLING AND STORAGE

Handling Precautions:

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

Storage Requirements:

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Products: Strong acids. Strong bases. Strong oxidizers.

7.3. Specific End Use(s)

Reduce heat in hydraulic tanks.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

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USA ACGIH ACGIH TWA (mg/m3): 5 MG/M3 (TLV)

USA ACGIH ACGIH STEL (mg/m3): 10mg/m3

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear	Odor:	No data available
Physical State:	Liquid	Solubility:	No data available
Odor Threshold:	No data available	Freezing or Melting Point:	No data available
Specific Gravity or Density:	No data available	Flash Point:	No data available
Viscosity:	No data available	Vapor Density:	No data available
Boiling Point:	No data available	Autoignition Temperature:	No data available
Partition Coefficient:	No data available	UFL / LFL:	No data available
Vapor Pressure:	No data available		
Potentia Hydrogenii:	No data available		
Evaporation Rate:	No data available		
Decompression Temperature:	No data available		

10 STABILITY AND REACTIVITY

Reactivity:	Hazardous reactions will not occur under normal conditions.
Chemical Stability:	Stable under recommended handling and storage conditions (see section 7).
Conditions to Avoid Identification:	Direct sunlight. Extremely high or low temperatures. Incompatible materials.
Materials to Avoid Identification:	Strong acids. Strong bases. Strong oxidizers.
Hazardous Decomposition:	Carbon oxides (CO, CO2).
Hazardous Polymerization:	Hazardous polymerization will not occur.

11 TOXICOLOGICAL INFORMATION

12 ECOLOGICAL INFORMATION

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Ecology - General -

LC50 Fish 1: > 5 g/l (LL50)

Persistence and Degradability: Inherently biodegradable.

Bioaccumulative Potential: The potential for bioaccumulation seems negligible based on data from other similar material and the biodegradability. It is unlikely to breakdown or remain in the air, but rather become absorbed to the soil and sediments and thus not be available to biota.

Mobility in Soil: Low solubility and floats and is expected to migrate from the water to the land. Expected to partition to sediment and wastewater solids.

Other Adverse Effects: No additional information available.

13 DISPOSAL CONSIDERATIONS

14 TRANSPORT INFORMATION

14.1. In Accordance with DOT

Not regulated for transport

14.2. In Accordance with IMDG

Not regulated for transport

14.3. In Accordance with IATA

Not regulated for transport

15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[--%] Petroleum Lube Oil (-40-7)

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

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OTHER INFORMATION

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