

Material Safety Data Sheet
International Components Engineering
Compressor Oil PAG
ICE #256-0101

SECTION I - MATERIAL IDENTITY, MANUFACTURER, AND EMERGENCY INFORMATION, AND PREPARATION INFORMATION					
Material: Compressor Oil PAG			ICE #: 256-0101		NFPA Ratings [2] Health [1] Flammability [0] Reactivity *See Section VII for Personal Protection
Name/Identifier (Trade Name and Synonyms): Proprietary Mixture					
Material Use: Refrigerant Oil					
Manufacturer's Name: International Components Engineering					
Street Address: 314 West 90 th Street, Mail Stop 21					
City, State, Zip: Minneapolis, Minnesota 55420					
Emergency Telephone Number: 952-887-2200			Date Prepared: August 18, 2000		
SECTION II - HAZARDOUS INGREDIENTS					
Name of Hazardous Ingredient	Percent	CAS, NA or UN Number	OSHA Permissible Exposure Limit (PEL)	ACGIH Threshold Limit Value (TLV)	
Proprietary					
SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS					
Physical State: Liquid	Appearance and Odor: Clear, oily liquid	Odor Threshold (ppm): Not determined - it has a mild odor	Specific Gravity: 1.01	Vapor Pressure (mmhg): Not determined	Percent Volatile: Not determined
Vapor Density (Air = 1): Not determined	Evaporation Rate (Ether = 1): Not determined	Boiling Point: Not determined	Freezing Point: Not determined	Solubility in Water: Insoluble	pH: Not determined
Density (g/ml): Not determined	Additional Data: No additional data available				
SECTION IV - FIRE AND EXPLOSION HAZARD DATA					
Flammable? Yes [X] No []			Sensitive to mechanical impact? Not determined		
If yes, under what conditions? This product is combustible at high temperatures. Shut off sources of fuel if this can be done safely. Do not expose to sources of ignition.					
Method of Extinction: Dry chemical, foam, and carbon dioxide.					
Special Procedures: Fire fighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling combustion products. Do not direct a solid stream of water or foam into hot, burning pools; this may result in frothing and increase fire intensity.					
Flash Point and Method: 230° C, COC		Explosive/Flammable Limits: Not determined		Autoignition Temperature: Not determined	
Hazardous Combustion Products: Irritating and toxic gasses or fumes may be released during a fire. Carbon monoxide, carbon dioxide, and other hydrocarbon fragments.					
SECTION V - REACTIVITY DATA					
Chemical Stability: Yes [X] No [], under normal conditions. Hazardous polymerization will not occur.			Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and hydrocarbon fragments.		
Incompatibility to other Substances: Yes [X] No [] Unknown []					
If so, which ones: May react with strong oxidizing agents. Avoid heat, sparks, and open flame.					

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SECTION VI - HEALTH HAZARD DATA
Routes of Entry: Inhalation ☒ Skin Absorption ☐ Ingestion ☒
Target Organs: Skin, eyes, and lungs.

Health Hazards (Acute and Chronic): Irritant to eyes, skin, throat; skin contact may cause dermatitis; will act as a laxative if swallowed; and if sprayed or misted may cause chemical pneumonitis.

Carcinogenicity - Is the Product or are the Ingredients:

- Listed in the National Toxicology Program (NTP)? Yes ☐ No ☒ Unknown ☐
- Found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs? Yes ☐ No ☒ Unknown ☐
- Found to be a potential carcinogen by OSHA? Yes ☐ No ☒ Unknown ☐

Signs or Symptoms of Exposure to the Ingredients or Product: irritation to mucous membranes, dermatitis, laxative effects if swallowed, coughing.

Medical Conditions Aggravated by Exposure to the Ingredients or Product: Mucous membrane and skin disorders, pulmonary disorders.

Emergency First Aid Procedures

- Eye Contact - Flush eyes with clean water for 15 to 20 minutes, seek medical assistance immediately.
- Inhalation - Move victim to fresh air if this can be done safely. Administer artificial respiration as needed. Seek medical attention immediately.
- Skin Contact - Immediately remove contaminated clothing and wash affected areas with soap and water. After handling this product, wash hands before eating, drinking, smoking, or applying make-up.
- Ingestion - Immediately seek medical assistance. Do not induce vomiting. If vomiting occurs, lean the victim forward to reduce the potential for aspiration.

Information to be provided to Physician: provide general supportive measures and treat symptomatically.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE
Leak/Spill Procedures: Stop the flow of the material if this can be done safely. Eliminate sources of ignition that may come in contact with the material. Absorb the spilled material with an inert (non-flammable) absorbent material. Do not allow the spilled product to enter public drainage systems or open water. When cleaning a spill, ventilate the area. Sweep or gather the material and place it in an appropriate container for disposal. Wash the spill area thoroughly. Wear appropriate personal protective equipment during cleaning.

Waste Disposal: Dispose or incinerate in accordance with Local, State and Federal Regulations.

Precautions to be taken in Handling and Storing: When using this material do not eat, drink or smoke without first washing with soap and water. Avoid prolonged or repeated skin contact. Wash thoroughly after handling. Store in a cool, dry, and well-ventilated place. Do not store or handle near open flame, heat, or sources of ignition. Store the material in labeled containers only.

Other Precautions:
SECTION VIII - CONTROL MEASURES
Personal Protective Equipment:

- Gloves - Wear impervious gloves for prolonged skin contact. Do not wear anything that may entrap the oil such as rings or watches.
- Clothing - Long-sleeved shirts are recommended.
- Respiratory Protection - NIOSH approved respirator with organic vapor cartridges suitable for oil mist.
- Eye and Face Protection - Wear splash goggles and a face shield.
- Work/Hygienic Practices - Wash with soap and water before eating, drinking, or smoking. Remove clothing that has come in contact with the material.
- Other (Specify) -

Engineering Controls:

- Eye wash fountain and emergency showers are recommended.
- Local exhaust ventilation recommended? Yes ☒ No ☐
- General exhaust ventilation recommended? Yes ☒ No ☐
- Other (Specify) -