Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Compressor Oil

SECTION 1 : Identification of the substance/mixture and of the supplier

Product name : **Compressor Oil**

Manufacturer/Supplier Trade name:

Manufacturer/Supplier Article number: **67-0426**

Recommended uses of the product and uses restrictions on use:

Manufacturer Details:

Thermo King Corporation
314 West 90th Street
Bloomington, MN 55420

Emergency telephone number:
Chemtrec, 1-800-424-9300
703-527-3887 (International)

SECTION 2 : Hazards identification

Classification of the substance or mixture:

Not classified for physical or health hazards under GHS.

Hazard statements:

Precautionary statements:
If medical advice is needed, have product container or label at hand
Keep out of reach of children
Read label before use

Hazard not otherwise classified:

Other Non-GHS Classification:

WHMIS
NFPA/HMIS

NFPA SCALE (0-4)

HMIS RATINGS (0-4)

SECTION 3 : Composition/information on ingredients

Ingredients:		
CAS 64742-44-5	Petroleum Oil(Severely Hydrotreated)	100 %
		Percentages are by weight

SECTION 4 : First aid measures

Description of first aid measures

After inhalation: Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Loosen clothing and place exposed in a comfortable position. Seek medical assistance if cough or other symptoms appear.

After skin contact: Wipe off skin and wash contact areas with soap and water. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

After eye contact: Protect unexposed eye. Flush exposed eye gently using water for 15-20 minutes. Remove contact lenses while rinsing. Keep eyelids open while rinsing. Seek medical attention.

After swallowing: Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Immediately seek medical attention.

Most important symptoms and effects, both acute and delayed:

May cause irritation, burning sensation, headache, nausea, shortness of breath, and dizziness.

Indication of any immediate medical attention and special treatment needed:

If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

SECTION 5 : Firefighting measures

Extinguishing media

Suitable extinguishing agents: Use water spray to cool fire-exposed surfaces and to protect personnel. Use foam, CO2, dry chemical, halogenated agents or water spray (fog) to extinguish fire.

For safety reasons unsuitable extinguishing agents: None identified.

Special hazards arising from the substance or mixture:

Dense smoke may be generated while burning. Toxic fumes, gases or vapors may evolve on burning. High temperatures may create heavy flammable vapors that may settle along ground and low spots to create an invisible fire hazard. This material may burn but will not readily ignite. This material will release vapors when heated above the flashpoint temperature that can ignite when exposed to a source of ignition. In enclosed spaces, heated vapor may ignite with explosive force. Mists or sprays may burn at temperatures below the flash point.

Advice for firefighters:

Protective equipment: Firefighters should use full turn-out gear along with NIOSH-approved self-contained breathing apparatus. Use water to cool fire-exposed containers. Use water carefully near exposed liquid to avoid frothing and splashing of hot liquid.

Additional information (precautions): Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

SECTION 6 : Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Observe all personal protection equipment recommendations described in Sections 5 and 8. In Case of Land Spill: Wear suitable protective equipment. Stop the source of the spill. Dike the spill area. Prevent materials from entering sewers, waterways or soil. Severely contaminated soil may require excavation.

Environmental precautions:

Should not be released into environment. Prevent from reaching drains, sewer, or waterway.

Methods and material for containment and cleaning up:

Use absorbent materials to soak up fluid (i.e. sand, sawdust and commercially available materials). Wash the spill area with large amounts of water. Properly dispose of all saturated absorbents or cleaning materials appropriately, since spontaneous heating may occur. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since oils, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. In Case of water Spill: Stop the source of the spill. Confine the spill with booms. Remove from surface by skimming or with suitable absorbents. Check with local regulatory authorities for use of suitable dispersants. Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. Consult state environmental agency and/or federal EPA. Report spill / release affecting waterways to Coast Guard. National Response Center can be reached at (800) 424-8802

Reference to other sections:

SECTION 7 : Handling and storage

Precautions for safe handling:

Under normal conditions of intended use, this product does not pose a risk to health. Follow best management practices during handling and storage. Prevent small spills and leakage to avoid slip hazard. Do not take internally. Open containers carefully and only in well-ventilated areas. Store in well ventilated area. Do not take internally. Follow good personal hygiene practices whenever handling the product. Keep away from heat, sparks and flames. Product is hygroscopic and will absorb water from the air. To avoid product degradation, water contamination and exposure to extreme temperatures should be avoided. Use appropriate containment to avoid environmental contamination. Keep container tightly sealed when not in use. Use proper bonding/grounding procedures when transferring liquids.

Conditions for safe storage, including any incompatibilities:

Storage: Ambient (room) temperatures in original container. Do not transfer to unmarked containers. Keep container tightly sealed when not in use. This material is a static accumulator.

SECTION 8 : Exposure controls/personal protection

Control Parameters: Petroleum Oil (Severely Hydrotreated) OSHA PEL:5mg/m3 (mist/aerosol)

Petroleum Oil (Severely Hydrotreated) ACGIH TVL:5mg/m3 (mist/aerosol)

Appropriate Engineering controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Use in well ventilated area.

Respiratory protection: Not necessary unless oil mists are generated. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls.

Protection of skin: Not required, but recommended, especially for prolonged exposure. Impervious (nitrile) gloves recommended with large quantities of product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Long sleeve shirts, chemically protective aprons and chemically protective boots are recommended for contact exposure or spill clean-up. Do not wear watches, rings or similar apparel that could entrap the material next to the skin.

Eye protection: Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).Safety glasses or goggles are appropriate eye protection.

General hygienic measures: Perform routine housekeeping. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes, and clothing. Before re-wearing, wash contaminated clothing.

SECTION 9 : Physical and chemical properties

Appearance (physical state,color):	Clear, yellow liquid	**Explosion limit lower**: **Explosion limit upper**:	Not determined Not determined
Odor:	Mild, distinct	**Vapor pressure**:	<0.001 at 20°C /68°F
Odor threshold:	Not determined	**Vapor density**:	> 5.0
pH-value:	Not Applicable	**Relative density**:	0.92
Melting/Freezing point:	Not determined	**Solubilities**:	Insoluble in water
Boiling point/Boiling range:	>260°C / 500° F	**Partition coefficient (n-octanol/water)**:	Not determined
Flash point (closed cup):	177°C / 350°F	**Auto/Self-ignition temperature**:	Not determined
Evaporation rate:	nil	**Decomposition temperature**:	Not determined
Flammability (solid,gaseous):	Not determined	**Viscosity**:	a. Kinematic:Not determined b. Dynamic: Not determined
Density: Not determined			

SECTION 10 : Stability and reactivity

Reactivity: Nonreactive under normal conditions.
Chemical stability: Stable under normal conditions.
Possible hazardous reactions: None under normal processing.
Conditions to avoid: Incompatible materials. Excessive heat and product contamination.
Incompatible materials: May react with strong oxidizers, caustics or acidic solutions. May degrade some paints and rubber materials.
Hazardous decomposition products: Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Analogous compounds evolve oxides of carbon, nitrogen, phosphorus, sulphur, reactive hydrocarbons, irritating vapors and other unidentified chemicals when burned.

SECTION 11 : Toxicological information

Acute Toxicity: No additional information.	
Chronic Toxicity: No additional information.	
Corrosion Irritation: Can cause mild skin irritation.	
Sensitization:	No additional information.
Single Target Organ (STOT):	No additional information.
Numerical Measures:	No additional information.
Carcinogenicity:	No additional information.
Mutagenicity:	No additional information.
Reproductive Toxicity:	No additional information.

SECTION 12 : Ecological information

Ecotoxicity Persistence and degradability: Adequate data is not available to estimate the biodegradation potential of this material. The petroleum oil in this product is not readily biodegradable, but can be broken down by microorganisms and is therefore considered to be inherently biodegradable. Once adsorbed, the product is expected to adhere to soil until it is slowly biodegraded. Some components of this product may persist in the environment for periods longer than six months.
Bioaccumulative potential: Bioaccumulation is unlikely due to the very low water solubility of this product.
Mobility in soil: Low solubility in water. Floats on water. Is expected to migrate from water to land. Expected to partition to sediment and waste water solids. Adsorption to sediment and soil will be the predominant interaction when released on soil.
Other adverse effects: An oil film may cause physical damage to organisms and disturb the transportation of oxygen in the intermediate zone between air/water or water/air.

SECTION 13 : Disposal considerations

Waste disposalrecommendations:

Contact a licensed professional waste disposal service to dispose of this material. Dispose of empty containers as unused product. Product or containers must not be disposed together with household garbage. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification.

SECTION 14 : Transport information

UN-Number

Not Regulated

UN proper shipping name

Not Regulated

Transport hazard class(es)
Packing group: Not Regulated
Environmental hazard:
Transport in bulk:
Special precautions for user:

SECTION 15 : Regulatory information

United States (USA)

SARA Section 311/312 (Specific toxic chemical listings):

None of the ingredients is listed

SARA Section 313 (Specific toxic chemical listings):

None of the ingredients is listed

RCRA (hazardous waste code):

None of the ingredients is listed

TSCA (Toxic Substances Control Act):

All ingredients are listed.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):

None of the ingredients is listed

Proposition 65 (California):

Chemicals known to cause cancer:

None of the ingredients is listed

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed

Chemicals known to cause developmental toxicity:

None of the ingredients is listed

Canada

Canadian Domestic Substances List (DSL):

All ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 0.1%):

None of the ingredients is listed

Canadian NPRI Ingredient Disclosure list (limit 1%):

None of the ingredients is listed

SECTION 16 : Other information

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. Note: . The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

GHS Full Text Phrases:

Abbreviations and acronyms:

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