

MATERIAL SAFETY DATA SHEET

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I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: COMPRESSOR OIL
HMIS Ratings:
 Health: Minimal(0)
 Flammability: Minimal(0)
 Instability/Reactivity: Minimal(0)

NFPA Ratings:
 Health: Minimal(0)
 Flammability: Minimal(0)
 Instability/Reactivity: Minimal(0)

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
OIL MISTS (IN CASE OF INHALATION)	64741-96-4	N/A	5MG/M3 CEILING:10MG/M3	5MG/M3			
Notes							
Other:	REL:TWA-5MG/M3, CEILING-10MG/M3CANADA:TWA-5MG/M3, CEILING-10MG/M3.						

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes: MAY CAUSE MINOR EYE IRRITATION.

Skin: MAY CAUSE SLIGHT SKIN IRRITATION. REPEATED CONTACT MAY CAUSE SKIN IRRITATION. CONTACT MAY CAUSE AN ACNE TYPE RASH OR ALLERGY TO DEVELOP.

Ingestion: NOT A SIGNIFICANT ROUTE OF ENTRY. NOT EXPECTED TO BE ACUTELY TOXIC.

Inhalation: EXPOSURE TO HIGH CONCENTRATIONS OF OIL MIST CAN CAUSE AN INFLAMATION OF THE LUNGS WITH SYMPTOMS OF COUGH AND SHORTNESS OF BREATH.

Medical Conditions
Aggravated by Exposure:

IV. FIRST AID MEASURES

Eyes: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING THE UPPER AND LOWER LIDS. IF IRRITATION EXISTS GET MEDICAL AID.

Skin: GET MEDICAL AID IF IRRITATION PERSISTS. IMMEDIATELY FLUSH SKIN WITH PLENTY OF SOAP AND WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. GET MEDICAL AID IF IRRITATION DEVELOPS OR PERSISTS.

Ingestion:

GET MEDICAL AID IF IRRITATION SYMPTOMS OCCUR.

Inhalation: REMOVE FROM EXPOSURE TO FRESH AIR IMMEDIATELY. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL AID IF COUGH OR OTHER SYMPTOMS APPEAR.

V. FIRE FIGHTING MEASURES

Flash Point: >350°F

Test Method: >175°C

Lower Flammability Limit: N/E

Upper Flammability Limit: N/E

Extinguishing Agents: WATER FOG, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE (CO₂).

Fire Fighting Procedures: APPROACH FIRE FROM UPWIND. AS IN ANY FIRE, WEAR SELF CONTAINED BREATHING APPARATUS PRESSURE DEMAND (NIOSH/MSHA APPROVED) AND FULL PROTECTIVE GEAR.

Other: SUBSTANCE IS NONFLAMMABLE; USE AGENT MOST APPROPRIATE TO EXTINGUISH SURROUNDING FIRE. WHEN HEATED ACRID AND TOXIC GASES AND VAPORS MAY BE RELEASED.

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup: ABSORB SPILL USING AN ABSORBENT, NONCOMBUSTIBLE MATERIALS SUCH AS EARTH, SAND OR VERMICULITE.

VII. HANDLING AND STORAGE

Other: USE WITH ADEQUATE VENTILATION. STORE IN A COOL, DRY PLACE. EVACUATE AS NECESSARY. REMOVE ALL SOURCES OF IGNITION. KEEP CONTAINER CLOSED WHEN NOT IN USE.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: WEAR APPROPRIATE PROTECTIVE EYEGLASSES OR CHEMICAL SAFETY GOGGLES AS DESCRIBED BY OSHA'S EYE AND FACE PROTECTION STANDARD IN 29 CFR 1910.133.

Skin: WHERE APPROPRIATE PROTECTIVE GLOVES AND CLOTHES TO PREVENT SKIN EXPOSURE.

Respiratory: A NIOSH APPROVED AIR PURIFYING RESPIRATORY (APR) WITH PROPERLY SELECTED CARTRIDGES MAY BE PERMISSIBLE UNDER CERTAIN CIRCUMSTANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCEED EXPOSURE LIMITS. FOLLOW OSHA'S RESPIRATORY PROTECTION STANDARD 29 CFR 1910.134.

Engineering: USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP AIRBORNE CONCENTRATION BELOW THE EXPOSURE LIMIT.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: LUBE OIL

Boiling Point: (760MMHG):>500°F(>260°C)

Solubility in Water: INSOLUBLE

Specific Gravity: (H₂O=1):0.84–0.90

Vapor Pressure: N/D
Vapor Density: >1
Volatile Content: N/D

X. STABILITY AND REACTIVITY

Stability: STABLE UNDER NORMAL TEMPERATURES AND PRESSURES

Hazardous Polymerization: HAS NOT BEEN REPORTED.

Conditions To Avoid: NONE REPORTED

XI. TOXICOLOGICAL INFORMATION

Acute Toxicology Data: OIL MISTS CAN CAUSE IRRITATION. THE 5MG/M3 LEVEL WOULD SEEM TO OFFER ADEQUATE PROTECTION FOR THESE OILS SINCE MOST ARE PROBABLY LESS TOXIC, UNLESS THEY HAVE ADDITIVES PRESENT THAT HAVE UNIQUE TOXIC EFFECTS. IT SHOULD ALSO BE NOTED THAT OIL HAS THE ABILITY TO CAUSE DERMATITIS AND IT IS IMPORTANT TO PREVENT PROLONGED SKIN CONTACT WITH THE LIQUIDS OR MISTS.

Component Toxicology Information: SKIN IRRITATION:RABBIT:100MG/24HOURS MLD. EYE IRRITATION:RABBIT:250MG/5D MLD.

XII. ECOLOGICAL INFORMATION

Environmental Fate and Distribution: NO DATA AVAILABLE.

Ecotoxicity:

XIII. DISPOSAL CONSIDERATIONS

Disposal Method: DISPOSE OF IN A MANNER CONSISTENT WITH FEDERAL, STATE AND LOCAL REGULATIONS.

XIV. TRANSPORT INFORMATION

D.O.T. Shipping Name: N/A
D.O.T. Hazard Class: N/A

XV. REGULATORY INFORMATION

TSCA Status: NONE OF THE INGREDIENTS ARE LISTED ON THE TSCA INVENTORY, CHEMICAL TEST RULES, SECTION 12B, OR SIGNIFICANT NEW USE RULES.

EPA Sara Title III Chemical Listings: NONE OF THE INGREDIENTS ARE LISTED.

Supplemental State Compliance Information: CLEAN AIR ACT – OZONE DEPLETING LIST: NONE OF THE INGREDIENTS ARE LISTED AS CLASS 1 OR 2 OZONE DEPLETORS.OSHA: ALL INGREDIENTS ARE LISTED AS HAZARDOUS UNDER 29 CFR 1910.1200.CLEAN WATER ACT: NONE OF THE INGREDIENTS ARE LISTED AS HAZARDOUS SUBSTANCES, PRIORITY POLLUTANTS OR TOXIC POLLUTANTS.

California: NONE OF THE INGREDIENTS ARE LISTED.

XVI. OTHER INFORMATION

WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.