

MATERIAL SAFETY DATA SHEET

General Information

Chemical Name & Synonyms:
Not Applicable

Chemical Family:
Hydrocarbon Lubricant

Proper DOT Shipping Name:
Lubricating Oil, NOIBN

Manufacturer:
Steelco Industrial Lubricants, Inc.

Mfg. Address:
PO Box 136, Valparaiso, IN 46384-0136

Trade Name & Synonyms:
7205 Air Compressor Oil-SAE 50

Formula:
Not Applicable

DOT Hazard Classification:
Not Classified As Hazardous

Mfg. Phone No.:
(219) 462-0333

Chemtrac Phone No.:
Not Applicable

Ingredients

Principal Hazardous Components		Threshold Limit Value
Lubricating Oil Base Stock	58.0%	5mg./M3 (Mist)
CAS NO 64742-54-7 or 64742-65-0		
Lubricating Oil Base Stock	38.0%	5mg./M3 (Mist)
CAS NO 64742-57-0 or 64742-62-7		
Oil additive containing detergent inhibitor & zinc		
Salt of dialkyldithiophosphoric		
(eye irritant)	4.0%	None Established

Physical Data

Boiling Point:	<i>IBP >500 F</i>	Specific Gravity (H2O=1):	<i>0.88</i>
Vapor Pressure (mm Hg):	<i>100 F < 0.01</i>	Percent Volatile By Volume (%):	<i>Neg</i>
Vapor Density (Air=1):	<i>100 F >12.0</i>	Evaporation Rate (NBA=1):	<i><0.01</i>
Solubility in Water:	<i>Negligible</i>	pH	<i>Essentially Neutral</i>
Appearance & Odor:	<i>Red, Petroleum Odor</i>		

Fire & Explosion Data

Flash Point (Test Method): *425 F* Auto Ignition Temperature: *>500 F*
PM Closed Cup *LEL 1% UEL 6%*

Flammable Limits:

Extinguishing Media: *Foam, dry chemical, CO2, water spray or fog.*

Special Fire Fighting Procedures: *Use air supplied rescue equipment for enclosed areas. Cool exposed containers with water.*

Unusual Fire & Explosion Hazards: *Do not mix or store with strong oxidants.*

Health Hazard Data

Threshold	OSHA Threshold	ACGIH Threshold
Limit Value 5mg/M3 (Mist)	Limit Value 5mg/M3 (Mist)	Limit Value 5mg/M3 (Mist)

Carcinogen-NTP Program

Not Shown

Carcinogen-IARC Program

Not Shown

Symptoms of Exposure: Prolonged or repeated skin contact may cause skin irritation, eye contact may cause eye irritation.

Medical Conditions Aggravated By Exposure: Prolonged or repeated skin contact tends to remove skins oils possibly leading to irritation & dermatitis. Health studies have shown that many petroleum products pose potential risks which may vary from person. Exposure to liquid, vapors, mists should be minimized.

Primary Route of Entry: Inhalation of mists or vapor. Skin & eye contact.

Emergency First Aid: INHALATION: Remove source of mist or vapor, provide fresh air. EYES: Flush with large amounts of water. Consult physician if irritation persists. SKIN: Wash thoroughly with soap & water. Remove oil soaked clothing & launder before reuse.

Reactivity Data

Stability: Stable

Incompatibility:

Conditions to Avoid:

Materials to Avoid: Strong oxidants like liquid chlorine & concentrated oxygen

Hazardous

Polymerization: Will Not Occur

Conditions to Avoid:

Hazardous Decomposition Products: Carbon monoxide in the case of incomplete combustion.

Environmental Protection Procedure

Spill Response: Remove free liquid. Add absorbent to spill area. Keep petroleum products out of streams and waterways.

Waste Disposal Method: Incinerate absorbed material. Waste disposal methods must comply with all applicable local, state and federal regulations.

Special Protection Information

Eye Protection: Normally Not Needed

Respiratory Protection: Normally not Needed

Skin Protection: Normally Not Needed

Ventilation Recommended: Needed only to capture hot flames.

Other Protection: Oil impervious apron & gloves, if needed.

Special Precautions

Hygienic Practices in Handling & Storage: Keep containers closed. Keep away from heat and flames.

Precautions for Repair & Maintenance of Contaminated Equipment: Not Required

Other Precautions: Avoid breathing of oil mist. Remove oil impregnated clothing. Wash thoroughly after exposure. Avoid skin contact & use protection when handling USED motor oil.