

MATERIAL SAFETY DATA SHEET

I. 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

Trade Name & Synonyms:

7010 AIR TOOL OIL

Formula:

Not Applicable

DOT Hazard Classification:

NOT CLASSIFIED AS HAZARDOUS

Mfg. Phone No.:

(219) 462-0333

Chemtrac Phone No.:

NOT APPLICABLE

II. Ingredients

Principal Hazardous Components

**Percent
(Approximate)**

Threshold Limit Value

LUBRICATING OIL BASE STOCK

96.0

5mg/M³ (Mist)

CAS NO 64742-54-7 or 64742-65-0

OIL ADDITIVE CONTAINING CALCIUM

DETERGENT (CAS NO 1305-62-0) & ZINC SALT OF

DIALYKLDITHIOPHOSPHORIC ACID

(Eye Irritant)

4.0

None Established

III. Physical Data

Boiling Point:

IBP > 500°F

Specific Gravity (H₂O=1):

0.88

Vapor Pressure (mm Hg):

100°F < 0.01

Percent Volatile By Volume (%):

Negligible

Vapor Density (Air=1):

100°F > 12.0

Evaporation Rate:

(NBA=1)

Solubility in Water:

Negligible

pH

Essentially Neutral

Appearance & Odor:

Red in color. Mild petroleum odor.

IV. Fire & Explosion Hazard Data

Flash Point (Test Method):

200°F PM Closed Cup

Auto Ignition Temperature:

> 500°F

Flammable Limits:

LEL 1%

UEL 6%

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

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

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

V. Health Hazard Data

Threshold Limit Value	5mg/M ³ (Mist)	OHSA Threshold Limit Value	5mg/M ³ (Mist)	ACGIH Threshold Limit Value	5mg/M ³ (Mist)
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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 skin oils possibly leading to irritation & dermatitis. Potential risks may vary from person to person.

Primary Route(s) of Entry: Inhalation of mist or vapor. Skin contact. Eye contact.

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

VI. Reactivity Data

Stability:

STABLE

Conditions to Avoid:

Incompatibility:

Materials to Avoid:

Strong oxidants like liquid chlorine & concentrated oxygen

Hazardous

Polymerization: X

Conditions to Avoid:

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

VII. Environmental Protection Procedures

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 & federal regulations.

VIII. Special Protection Information

Eye Protection: Normally not needed
(Chemical splash goggles if desired)

Skin Protection: Normally not needed

Respiratory Protection:

Normally not needed

Ventilation Recommended:

Needed only to capture hot flames

Other Protection:

Oil impervious april and gloves, if needed.

IX. Special Precautions

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

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.