

Material Safety Data Sheet

7005 AIR TOOL OIL

I. General Information

Chemical Name & Synonyms Not Applicable	Trade Name & Synonyms 7005 Oil
Chemical Family Additive compounded petroleum hydrocarbon lubricants	Formula Not Applicable
Proper DOT Shipping Name Lubricating Oil, NOIBN	DOT Hazard Classification Not Classified As Hazardous
Manufacturer STEELCO Industrial Lubricants, Inc.	Manufacturer's Phone Number (219) 462-0333
Manufacturer's Address PO Box 136, Valparaiso, IN 46384-0136	Chemtrec Phone Number Not Applicable

II. Ingredients

Principal Hazardous Components	Approximate Percent	Threshold Limit Value (units)
Lubricating Oil Base Stock CAS NO 64742-54-7 or 64742-65-0	96.0	5mg/M ³ (Mist)
Oil additive containing calcium detergent (CAS 1305-62-0) and zinc salt of dialkyldithiophosphoric acid (Eye Irritant)	4.0	None Established

III. Physical Data

Boiling Point (°F) IBP 500°F	Specific Gravity (H ₂ O = 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) 0.01
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, CO ₂ , water spray or fog	
Special Fire Fighting Procedures Air cupplied 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)	OSHA Threshold Limit Value 5mg/M ³ (Mist)	ACGIH Threshold Limit Value 5mg/M ³ (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 with this product tends to remove skin oils possibly leading to irritation & dermatitis. Health studies have shown that many petroleum products pose potential risks which may vary from person to person. Exposure to liquid, vapors, mists should be minimal.		
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 amounts of water. Consult physician if irritation persists. SKIN CONTACT: Wash thoroughly with soap and water. Remove oil soaked clothing and launder before reuse.		

VI. Reactivity Data

Stability	☐ Unstable ☒ Stable	Conditions To Avoid
Incompatibility		Materials To Avoid Strong oxidants like liquid chlorine & concentrated oxygen
Hazardous Polymerization	☐ May Occur ☒ Will Not Occur	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 and federal regulations.	

VIII. Special Protection Information

Eye Protection Normally not needed (Chemical splash goggles desirable)	Skin Protection Normally not needed
Respiratory Protection (Specific Type) Normally not needed (Organic Mist Type)	Ventilation Recommended Needed only to capture hot flames
Other Protection Oil impervious apron and gloves, if needed.	

IX. Special Precautions

Hygienic Practices In Handling & Storage Keep containers closed. Keep away from heat and 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.	