

Material Safety Data Sheet

I. General Information

Chemical Name & Synonyms Not Applicable	Trade Name & Synonyms #7800 Hydro-Power Fluid
Chemical Family Additive Treated Petroleum Hydrocarbon Lubricant	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 P.O. Box 136, Valparaiso, IN 46383	Chemtrec Phone Number Not applicable

II. Ingredients

Principal Hazardous Components	Approximate Percent	Threshold Limit Value (units)
Lubricating Oil Base Stock	90.0	5mg.M ³ (Mist)
CAS NO 64742-54-7 or 64742-54-0		
Non-Hazardous Components	balance	None established

III. Physical Data

Boiling Point (°F) IBP >500°F	Specific Gravity (H ₂ O = 1) 0.89
Vapor Pressure (mm Hg.) 100°F <0.01	Percent Volatile By Volume (%) Negligible
Vapor Density (Air = 1) >12.0	Evaporation Rate (<u>NBA</u> = 1) <0.01
Solubility in Water Negligible	pH Essentially Neutral
Appearance & Odor Dark straw colored liquid. 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 Use air supplied rescue equipment for enclosed areas. Cool exposed containers with water.	
Unusual Fire & Explosion Hazards Do not store or mix 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 any petroleum products pose potential risks which may vary from person to person. Exposure to liquid, vapors, mists should be minimized.		
Primary Route(s) of Entry Inhalation of mist. 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 & launder before reuse.		

VI. Reactivity Data

Stability	☒ X	Unstable Stable	Conditions To Avoid
Incompatibility			Materials To Avoid Strong oxidants like liquid chlorine & concentrated oxygen
Hazardous Polymerization	☒ X	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 & 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 and use protection when handling USED motor oils.