

Material Safety Data Sheet

#S-371

I. General Information

Chemical Name & Synonyms NOT APPLICABLE	Trade Name & Synonyms S-371 SYN AIR COMP OIL
Chemical Family COMPOUND PETROLEUM	Formula NOT APPLICABLE
Proper DOT Shipping Name LUBRICATING OILS- NOIBN	DOT Hazard Classification NOT 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	Percent	Threshold Limit Value (units)
SEVERELY HYDROTREATED NAPHTHENIC OIL	50-60%	5MG. /M3 (MIST)
CAS NO 64742-52-5		
HYDROGENATED DECENE POLYMER	35-45 %	5MG. /M3 (MIST)
CAS NO 68037-01-4		

III. Physical Data

Boiling Point (°F) 630 F	Specific Gravity (H ₂ O = 1) 0.8788
Vapor Pressure (mm Hg.) NA	Percent Volatile By Volume (%) NA
Vapor Density (Air = 1) NA	Evaporation Rate (_____ = 1)
Solubility in Water NOT SOLUBLE	pH
Appearance & Odor CLEAR LIQUID	

IV. Fire & Explosion Hazard Data

Flash Point (Test Method) 400 F (ASTM D_-56)	Auto Ignition Temperature 650 F
Flammable Limits NA	LEL UEL
Extinguishing Media CO DRY CHEMICAL FOAM	
Special Fire Fighting Procedures PROCEDURES FOR AN OIL FIRE SHOULD BE FOLLOWED. USE SELF CONTAINED BREATHING APPARAUS. USE FOAM OR DRY CHEMICAL TO EXTINGUISH FIRE. WATER MAY BE USED ONLY TO KEEP SURROUNDING CONTAINERS COOL.	
Unusual Fire & Explosion Hazards	

V. Health Hazard Data

Threshold Limit Value 5MG / M3 MIST	OSHA Threshold Limit Value 5MG/M3 MIST	ACGIH Threshold 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 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.		
Primary Route(s) of Entry INHALATION OF MISTS 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& WATER. REMOVE OIL SOAKED CLOTHING AND LAUNDER.		

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 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 DESIREABLE)	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 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 PETROLEUM OIL.	