

Safety Data Sheet



Section 1: Identification

Product Name: Pneumatic Tool Oil

Product Use: Industrial Air Tool Lubricant

Product Manufacturer: Chem-Sol, Inc.
PO Box 10137
College Station, TX 77842
1-800-962-9693

Section 2: Hazard Identification

Physical/Health/Osha Defined Hazards: This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

Label Elements: No classified hazards

Precautionary Procedures			
Prevention	Response	Storage	Disposal
Observe good hygiene practices.	Wash hands after exposure.	Store away from incompatible materials and flame.	Dispose of waste and residues in accordance with local requirements.

Section 3: Composition/Information on Ingredients

Chemical Name	CASRN	Concentration
Highly Refined Naphthenic Base Oil	64742-70-7	>85%
Kerosene	8008-20-6	Trade Secret
Propriety Additives	Trade Secret	Trade Secret

Section 4: First Aid Measures

Emergency First Aid Procedures			
Eyes	Skin	Inhalation	Ingestion
Flush thoroughly with running water for 15 minutes, including under eyelids. Get medical attention if irritation persists.	Remove contaminated clothing; wash affected area with soap and water. Wash clothing before reuse.	Move to fresh air. If breathing is difficult, give oxygen. Get medical attention if needed.	Call or transport to a physician. <u>DO NOT INDUCE VOMITING.</u>

Most Important Symptoms: Prolonged or repeated skin contact may cause drying, cracking, or irritation.

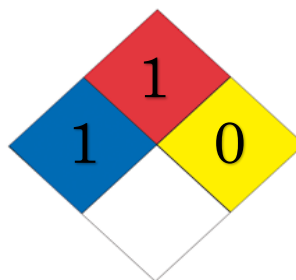
Section 5: Fire-Fighting Measures

NFPA 704 Hazard Class

Health: 1

Flammability: 1

Reactivity: 0



0 (Minimal)
1 (Slight)
2 (Moderate)
3 (Serious)
4 (Severe)

General Fire Hazard: This product is not flammable, but will burn if involved in a fire.

Extinguishing Media: Dry chemical, carbon dioxide, foam, water spray or fog is recommended.

Firefighting Procedures: Wear self-contained breathing apparatus with full face piece operated in the positive pressure demand mode as well as protective clothing.

Firefighting Instructions: Fire fight from a maximum distance. Move containers from the area. Cool exposed containers with water until fire is out. Contain water runoff. Use foam blanket if available.

Section 6: Accidental Release Measures

Personal Precautions: Use appropriate protective clothing. In case of spills, beware of slippery floors. If material is spilled: Use absorbent solid to remove liquid. Do not allow to enter sewer, surface water, or streams. Clean area to remove residual contamination.

Waste Disposal: Burn material in an approved incinerator in accordance with appropriate regulations.

Section 7: Handling and Storage

Precautions for Safe Handling: Store in closed containers in well-ventilated area, away from heat, ignition and strong oxidizing agents. Periods of exposure to high temperatures should be minimized. Water contamination should be avoided. Protect containers from physical damage. Follow good hygienic practice in the use of this material.

Section 8: Exposure Controls/Personal Protection

OSHA Limits for Air Contaminants: 29CFR 1910.1000

Mineral Oil Mist	PEL	5 mg.m3	Mist
Mineral Oil Mist	TWA	5 mg.m3	Inhalable Fraction

NIOSH Guide to Chemical Hazards

Mineral Oil Mist	STEL	10 mg/m3	Mist
Mineral Oil Mist	TWA	5 mg/m3	Mist

Appropriate Engineering Controls: Provide adequate general and local exhaust ventilation.

Personal protections:

Eye/Face: Safety goggles recommended

Skin/Hands: Rubber gloves and apron to prevent prolonged contact

General Hygiene Considerations: Wash hands before eating, drinking, etc. When clothes are contaminated, wash before wearing again.

Section 9: Physical and Chemical Properties

Liquid/Solid/Gas Mixture: Liquid Mixture

Color: Clear/Red

Odor: Mild Petroleum

Odor Threshold: N/A

Vapor pressure (at 100F): 0.25 psi

Vapor Density: Not Calculated

pH: 8.65 (50/50 water extract)

Specific Gravity (H₂O=1): 0.865

Melting/Freezing Point: Not Calculated

Solubility: Not Soluble

Boiling Point & Range: Not Calculated

Flash Point: > 205F (PMCC)

Evaporation Rate: Not Calculated

Flammability: Not Applicable

Partition Coefficient: Not Calculated

Auto-ignition Temperature: Not Calculated

Decompression Temperature: Not Calculated

Viscosity: 17.747 cST at 100F

Oxidizing Properties: Does Not Oxidize

Section 10: Stability and Reactivity

Chemical Reactivity: This product is stable and non-reactive under normal conditions and use.

Hazardous Reactions: This product does not polymerize.

Hazardous Decomposition Products: Thermal Oxidation Degradation, Carbon Monoxide and Dioxide; irritating sulfides and hydrocarbons.

Conditions to Avoid: Keep from fire and flame. Prevent contact with incompatible materials.

Incomparable with strong oxidizing agents.

Section 11: Toxicology Data

Likely Routes of Exposure: Inhalation of Mist or vapors upon heating will irritate respiratory system. Harmful if swallowed. Moderate eye irritant. Prolonged contact may cause defatting of the skin.

Symptoms of Exposure: Redness, drying, and cracking of skin.

Skin Irritation: Prolonged exposure may cause irritation.

Eye Irritation: Direct contact with eyes may cause temporary irritation.

OSHA Specifically regulated substances (29CFR 1910.1001-1050)

Other Information: Symptoms may be delayed. Pre-existing skin conditions might be aggravated by exposure.

Section 12: Ecological Information

Ecotoxicity: The product is not classified as environmentally hazardous. However, a large spill might cause a damaging effect on the environment.

Persistence: The product is expected to slowly biodegrade and not bio-accumulate.

Oil spills are generally hazardous to the environment.

Section 13: Disposal Considerations

Disposal Instructions: Recover and recycle if practical. Dispose of as any oil based waste. Dispose in accordance with applicable laws; local, state, and federal.

Section 14: Transportation Info

DOT: Not regulated as dangerous goods.

Transport in Bulk: Not applicable

Section 15: Regulatory Information

US Federal Regulation: Not hazardous according to OSHA 29CFR 1910.1200

US EPA CERCLA Hazardous Substances (40 CFR 302) – not listed

SARA 1986

Hazard Categories: Immediate – no

Delayed – no

Fire – no

Reactivity – no

Pressure – no

Section 16: Other Information

SDS Prepared 2/18/16

NFPA Code: Health – 1; Flammability – 1; Reactivity – 0

Important Data: The data and information in this data sheet are accurate on the date of preparation. It does not indicate any warranty or representation. We disclaim all liability as to use of this material since this is beyond our control.