

MATERIAL SAFETY DATA SHEET

Preparation/Revision Date: February 17, 2000

PRODUCT NAME: **NTO-30**

Generic/Chemical Name: Highly refined and/or synthesized mineral oil with additive treatment

CAS Registry Number: Not applicable to complex mixture

PRODUCT TYPE: **Food grade lubricating oil for machinery**

1. Information on Ingredients:

Specific components and percent composition not disclosed are trade secrets.

All components are listed on TSCA inventory. Not hazardous to health as defined by EC Dangerous Substances / Preparations Directives.

2. Physical Data:

Vapor Pressure: NE Vapor Density: NE
Specific Gravity: < 1 @ 15.6 °C Evaporation Rate: NE
Water Solubility: NIL Percent Volatile: NIL
Appearance: Clear viscous fluid
Odor: Slight to none

3. Fire & Explosion Hazards:

Flash Point: Greater than 300 °F
Flammability Limits: LEL - N/A UEL - N/A
Unusual Fire & Explosion Hazards: NONE
Decomposition Products: Carbon monoxide, metal oxides, elemental oxides.
Extinguishing Media: Water fog, CO2, dry chemical or foam.

4. Reactivity:

Stability: STABLE Conditions to Avoid: Extreme Heat
Hazardous Polymerization: WILL NOT OCCUR
Incompatibility: STRONG OXIDIZING AGENTS

5. Health Hazard Data:

Oral Toxicity: LD50 in rats > 5000 mg/kg
Eye Irritation: Not expected to cause eye irritation
Skin Irritation: LD50 in rats > 2000 mg/kg
Other Exposure Limits: Observe OSHA PEL of 5 mg/ cu m for mineral oil mist; AGCIH STEL of 10 mg/ cu m.
Chronic Exposure: No components present at greater than 0.1% are known to be chronic health hazards or carcinogens.

6. First Aid Measures:

Eye Contact: Flush thoroughly with water for 15 minutes.
Skin Contact: Wash contact areas with soap and water.
Inhalation: Remove to fresh air. If breathing is labored administer oxygen. Call a physician.
Ingestion: Do not induce vomiting. If conscious, give water. Call a physician.
NOTE to physician: Treat symptomatically.

7. Exposure Controls / Personal Protection:

Ventilation: Use local exhaust to control mist and vapors.
Respiratory Protection: None needed with adequate ventilation.
Skin Protection: Chemical resistant gloves recommended.
Eye Protection: Chemical splash goggles recommended.

8. Handling and Storage:

Handling: Keep container closed when not in use. Avoid breathing vapors.
Storage: Do not store near strong oxidizing agents or with combustible materials. Keep area cool and dry.

9. Spill or Leak Procedures:

Notification: Report spills as required to appropriate authorities.
Precautions: Dike up spills and to prevent leakage from entering sewers or drains and limit contact with soil.
Clean-up: Cover with inert absorbent such as sand, earth or vermiculite.
Shovel-up and dispose at appropriate waste oil disposal facility in accordance with applicable regulations.

10. Environmental & Disposal Information:

Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited by local controlling authority. Waste management must be in compliance with federal, state, and local laws and regulations.

11. Regulatory Information:

SARA Section 313 Title III: This product is not known to contain any chemical on the SARA 313 list at a concentration greater than 1.0% or any carcinogenic chemical on that list at greater than 0.1%.
EU Labeling: NOT REQUIRED
USA/DOT: NOT REGULATED
RID/ADR: NOT REGULATED
IMO: NOT REGULATED
IATA: NOT REGULATED
FDA Approval: Meets requirements for "Lubricants with incidental food contact" as per 21 CFR 178.3570

12. NFPA/HMIS Code:

HEALTH 0
FIRE 1
REACTIVITY 0
PROTECTION B

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