

Material Safety Data Sheet

Nye Lubricants, Inc.
PO Box 8927
New Bedford, MA 02742

Product: NYOIL
MSDS No: NYE/NYOIL
Revision: 4
Date: April 30, 1993

I. MATERIAL IDENTIFICATION

Trade/Material Name: NYOIL
Description: Lubricating Oil
CAS: 8042-47-5
Chemical Name: White Mineral Oil
Manufacturer: Nye Lubricants, Inc.
12 Howland Rd.
Fairhaven, MA 02719
Phone: (508) 996-6721
Nights or Weekends:
(508)758-4408
(508)993-4685

II. INGREDIENTS AND HAZARDS

Ingredient Name: White Mineral Oil (petroleum)
CAS Number: 8042-47-5
Percent: 100%
Exposure Limits: None established, not hazardous

III. PHYSICAL DATA

Appearance & Odor: Odorless, water-white oil
Boiling Point: Not volatile
Vapor Pressure: Negligible
Water solubility (%): Insoluble
Vapor Density (air=1): Heavier than air
Weight Per Gallon: 7.3 lbs.
Evaporation Rate: Slower than diethyl ether
Specific gravity (H2O=1): 0.872
Melting Point: -25 F
% volatile by volume: 0
Molecular Weight: Not calculated
PH: Neutral

IV. FIRE AND EXPLOSION DATA

Flash Point (method): 400 F (COC) Limits: LEL %: N/A UEL %: N/A
Extinguishing Media: CO2, Foam, Dry Chemical, Water Spray
Unusual Fire or Explosion Hazards: None
Special Fire-Fighting Procedures: Avoid smoke inhalation. Water or foam may cause frothing.

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V. REACTIVITY DATA

Material is stable. Hazardous polymerization will not occur.
Chemical incompatibilities: Strong oxidizing materials.
Conditions to avoid: Pyrolysis
Hazardous decomposition products: Burning may produce carbon monoxide as well as small amounts of other toxic fumes.
Avoid contamination of cigarettes or other tobacco products.

VI. HEALTH HAZARD INFORMATION

This product is not considered a human carcinogen by any recognized source.
Summary of risks: There is no experience with overexposure. Prolonged or repeated contact with skin or contact with the eyes may cause irritation. Inhalation of mists or vapors from material at high temperatures may irritate respiratory passages. Limit for airborne concentration is 5mg/m for oil mist in air (OSHA Regulation 29 CFR 1910.1000).
Medical conditions which may be aggravated by contact: None.
Target organs: Skin, eyes, respiratory passages (high temperatures only).
Primary entry route(s): Skin, eyes, inhalation (high temperatures only).
Acute effects: Possible skin and eye irritation. Possible respiratory passage irritation at high temperatures.
Chronic effect(s): None known.
First aid: Eye contact: Wash thoroughly; contact physician if irritation persists.
 Skin contact: Wash with soap and water.
 Inhalation: Move to fresh air and refer to a physician for treatment.
Exercise ordinary measures of personal hygiene. Avoid contamination of cigarettes or other tobacco products.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill/Leak Procedures: Remove free liquid. Add absorbent (sand, earth, sawdust) to the spill area. After removing absorbent, wash walking surfaces thoroughly with detergent and water to reduce slipping hazard.
Waste management/Disposal: Many states classify waste lubricants as "hazardous", which means disposal only by a licensed firm. Consult regulations applicable to your area.

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VIII. SPECIAL PROTECTION INFORMATION

Personal protective equipment:
Goggles: Safety glasses recommended if splash is likely.
Gloves: Recommended, especially to avoid prolonged or repeated skin contact.
Respirator: Not required unless mists, smoke or vapors are produced at high temperatures.
Other: Not needed.
Workplace considerations:
Ventilation: None required unless mists, smoke or vapors are produced at high temperatures.

IX. SPECIAL PRECAUTIONS

Storage segregation: Not needed.
Special handling/storage: Exercise ordinary care in handling chemicals.
Other precautions: Avoid contamination of cigarettes or other tobacco products. Wash hands thoroughly before smoking. Users should be alert to the possibility that very small percentages of the population may display unexpected allergic skin reactions to otherwise innocuous industrial chemicals and raw materials.
DOT Class: Not restricted
Prepared/revised by: GBM
April 30, 1993
UN Register: N/A

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, William F. Nye Company makes no warranty with respect thereto and disclaims all liability with respect thereon.