

MIDWEST *Plus*™

Handpiece Lubricant MSDS

DENTSPLY Midwest
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Des Moines, IA 60018-1884 USA 82387-0296

Product: Midwest Plus
Revision: 4
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National Paint and Coatings Association Hazardous Material Identification System

HEALTH HAZARD	O - Minimal
FLAMMABILITY HAZARD	O - Minimal
REACTIVITY HAZARD	O - Minimal
PERSONAL PROTECTION	A - Glasses

SECTION I. MATERIAL IDENTIFICATION

Trade Material Name: Lubricating Oil
Description: Synthetic Hydrocarbon Precision Lubricating Oil

This oil is H-1 listed by the U.S. Dept. of Agriculture
Manufacturer: Nye Lubricants, Inc., 12 Howland Road
Fall River, MA 02719, Phone: 508 993 6721
Night and Weekend Phone: 508 758 4405, 508 993 4685

SECTION II. INGREDIENTS AND HAZARDS

Ingredient Name: /Percent: /Exposure Limits
NO components are known to be hazardous under normal usage, nor are they included on the Massachusetts Substance List or OSHA Hazard Communication Substance Lists.

SECTION III. PHYSICAL DATA

Appearance & Color: Clear, odorless Synthetic Oil
Boiling point: Not volatile
Vapor pressure: 10^{-6} torr at 25°C
Water solubility (%): Insoluble
Vapor density (air = 1): Heavier than air
pH: Neutral
Evaporation rate: Slower than diethyl ether
Specific gravity ($H_2O = 1$): 0.83
Melting point: -80°F
% volatile by volume: 0
Molecular weight: 529
Weight per gallon: Approx. 7 lbs.

NON-FLAMMABLE—FLASH POINT ABOVE 140°F
CONTAINS NO ODCs

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (method): 455°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.

SECTION 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.

SECTION 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 5 mg/m³ 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.

SECTION 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 working 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 local, State and Federal regulations applicable to your area.

SECTION VIII. SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE EQUIPMENT

Goggles: Safety glasses recommended, especially 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.

SECTION 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 UN Register: N/A

Prepared/Revised by: PAB, December 5, 1995

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

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