

Safety Data Sheet
MAX-Z-LUBE
HIGH PERFORMANCE LUBRICANT

SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT NAME:
MAX-Z- LUBE HIGH PERFORMANCE LUBRICANT

CHEMICAL NAME:
N/A

CHEMICAL FAMILY:
Petroleum Lubricant

PRODUCT USE:
Lubricating Grease for Food Processing Equipment

PRODUCT CODES:
184282 – 4 oz. Tube
NSF #127825 H1

EMERGENCY PHONE NUMBERS:
800-535-5053 Domestic (INFOTRAC)
352-323-3500 International (INFOTRAC)

NOTE: The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We provide this information as guidance for providing personal protection to your employees. The user has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. The user must meet all applicable safety and health standard.

SECTION 2 – HAZARD IDENTIFICATION

This product is not considered hazardous according to the OSHA Hazard Communication Standard 2012I (29 CFR 1910.1200). Not classified.

Signal Word: None

This product contains no substances which at their given concentration are considered to be hazardous to health.

Precautionary Statements:
Prevention: None
General Advise: None
Storage: None
Disposal: None

Hazard Not Otherwise Classified (HNOC): Not Applicable

Other Information: May cause skin irritation

SECTION 3 – COMPOSITION INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS #</u>	<u>Weight %</u>	<u>Trade Secret</u>
White Mineral Oil	8042-47-5	60-100%	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 – FIRST AID MEASURES

Eye Contact: Flush thoroughly with plenty of water, also under the eyelids. If material is hot, treat for thermal burns and seek immediate medical attention.

Skin Contact: Wash off with warm water and soap. If material is hot and thermal burns are sustained, submerge injured area in cold water. Do not apply ice to injured area. If burns are severe and/or cover a large area of skin, seek immediate medical attention.

Inhalation: Not an expected route of exposure. Clear passages and remove to fresh air.

Ingestion: Clean mouth with water and afterwards drink plenty of water. Call a Poison Center or doctor/physician if exposed or you feel unwell.

Most Important Symptoms/Effects: No information available.

Notes To Physician: Treat symptomatically

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising From The Chemical: No information available.

Explosion Data:

Sensitivity to Mechanical Impact:	None
Sensitivity to Static Discharge:	None

Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with eyes. Ensure adequate ventilation. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Other Information: Material can create slippery conditions.

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Environmental Precautions: Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas.

Methods For Containment: Prevent further leakage or spillage if safe to do so.

Methods For Cleanup: Pick up and transfer to properly labeled containers.

SECTION 7 – HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practice. Refer to Section 8. Keep away from open flames, hot surfaces and sources of ignition. Ensure adequate ventilation. If spilled, take caution, as material can cause surface to become very slippery.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products: None known based on information supplied.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

<u>Chemical Name</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>NIOSH IDLH</u>
White Mineral Oil 8042-47-5	TWA: 5 mg/m ³ inhalable fraction excluding metal working fluids, highly & severely refined	TWA: 5 mg/m ³ (vacated) TWA: 5 mg/m ³	IDLH: 2500 mg/ m ³ TWA: 5 mg/m ³ STEL: 10 mg/m ³

OSHA PEL: Occupational Safety and Health Administration – Permissible Exposure Limits.

Other Exposure Guidelines: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Engineering Measures: Showers
Eyewash Stations
Ventilation Systems

Eye/Face Protection: No special protective equipment required.

Skin/Body Protection: No special protective equipment required.

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Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respirator protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminate concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid (compressed) grease
Appearance: Transparent grease
Odor: Odorless
Odor Threshold: No information available
pH: NA
Melting Point/Range: 93°C/200°F
Boiling Point/Range: NA
Flash Point: >148°C/>300°F
Evaporation Rate: NA
Flammability: NA
Flammability Limits in Air: Upper: NA
Lower: NA
Vapor Pressure: NA
Vapor Density: NA
Specific Gravity: <1
Water Solubility: Negligible
Solubility in Other Solvents: NA
Partition Coefficient (n-octanol/water): NA
Auto-ignition Temperature: NA
Decomposition Temperature: NA
Viscosity: NA
Flammable Properties: Not flammable
Explosive Properties: NA
Oxidizing Properties: NA
VOC Content (%): NA

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: No data available
Chemical Stability: Stable under recommended storage conditions
Possibility of Hazardous Reactions: None under normal processing

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Conditions To Avoid: Ignitions sources-heat, sparks and open flame
 Incompatible Materials: None known based on information supplied
 Hazardous Decomposition Products: Carbon monoxide (CO), carbon dioxide (CO₂), hazardous decomposition products due to incomplete combustion

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure:

Inhalation: Inhalation of aerosols may cause irritation of respiratory tract
 Eye Contact: May cause slight irritation
 Skin Contact: Substance may cause slight skin irritation
 Ingestion: Potential for aspiration if swallowed. May cause gastrointestinal discomfort if consumed in large amounts

Symptoms Related to Physical, Chemical and Toxicological Characteristics:

Symptoms: No information available

Delayed and Immediate Effects and Also Chronic Effects From Short and Long Term Exposure:

Sensitization: No information available
 Mutagenic Effects: No information available
 Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen. Mineral oils are known to cause cancer because of carcinogenic components (e.g. benzene). The mineral oil in this product is highly refined and should not be considered a carcinogen.

<u>Chemical Name</u>	<u>ACGIH</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
White Mineral Oil	A2			

ACGIH (American Conference of Governmental Industrial Hygienists) : A2 – Suspected Human Carcinogen

Reproductive Toxicity: No information available

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STOT – Single Exposure: No information available
 STOP – Repeated Exposure: No information available
 Aspiration Hazard: May be harmful if swallowed and enters airway
 Numerical Measure of Toxicity: Not classified

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated. May cause long lasting harmful effects to aquatic life.

<u>Chemical Name</u>	<u>Toxicity to Algae</u>	<u>Toxicity to Fish</u>	<u>Toxicity to Micro-Organisms</u>	<u>Daphnia Magna (Water Flea)</u>
White Mineral Oil 8042-47-5		LC50 96 H:>10000 mg/L (Lepomis macrochirus)		

Persistence and Degradability: No information available
 Bioaccumulation: Bioaccumulative potential
 Other Adverse Effects: No information available

SECTION 13 – DISPOSAL CONSIDERATIONS

This material, as supplied, is not a hazardous waste according to Federal Regulations (40 CFR 261). This material could become hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging: Do not reuse empty containers

SECTION 14 – TRANSPORT INFORMATION

DOT: Not regulated
 Air Shipment (IATA): Not subject to IATA regulations

SECTION 15 – REGULATORY INFORMATION

International Inventories:

TSCA: Complies
DSL: All components are listed either on the DSL or NDSL

Legend:

TSCA: United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL: Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations:

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemical which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/313 Hazardous Categories:
Acute Health Hazard: No
Chronic Health Hazard: No
Fire Hazard: No
Sudden Release of Pressure Hazard: No
Reactive Hazard: No

Clean Water Act: This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations:

California Proposition 65: This product does not contain any Proposition 65 chemicals
U.S. State Right-To-Know Regulations:

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
White Mineral Oil	X	X	X		X

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U.S. EPA Label Information:
EPA Pesticide Registration Number: Not applicable

SECTION 16 – OTHER INFORMATION

NFPA

Health Hazard: 0
Flammability: 1
Instability: 0
Physical and Chemical Hazard: -

HMIS

Health Hazard: 0
Flammability: 1
Instability: 0
Physical Hazard: 0
Personal Protection: X

Note:

For industrial use only. The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We make no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Possession of an SDS does not indicate that the possessor of the SDS was a purchaser or user of the subject product.

The information and recommendations contained herein are, to the best of Bettcher Industries' and the manufacturer of this product, accurate and reliable as of the date issued. Bettcher and the manufacturer shall not be liable for any loss or damage arising out of the use thereof. The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.

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