

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

SECTION 1: IDENTIFICATION**1.1. Product Identifier****Product Form:** Mixture**Product Name:** PURAMAX PureCut Soluble B**Product Grades/Codes:**

PURAMAX PureCut Soluble B – 2124376330 (Drum), 2124376350 (Pail)

Synonyms:**1.2. Intended Use of the Product**

Cutting Oil

1.3. Company Identification

North American Lubricants Company

7337 E. Doubletree Ranch Road, Suite 180

Scottsdale, AZ 85258

(800)430-6252

www.nalube.com**1.4. Emergency Telephone Number****Emergency Number** : CHEMTREC: (800)424-9300 or (703)527-3887**SECTION 2: HAZARDS IDENTIFICATION****2.1. Classification of the Substance or Mixture****Classification (GHS-US)**

Not classified

Full text of H-phrases: see section 16

2.2. Label Elements**GHS-US Labeling**

Hazard Pictograms (GHS-US)	Not Classified
Signal Word (GHS-US)	No signal word
Hazard Statements (GHS-US)	No known significant effects or critical hazards
Precautionary Statements (GHS-US)	No precautionary phrases

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1. Mixture**

Name	% (w/w)
P Water Soluble Oil B	100
1 Refined & hydrotreated light naphthenic distillate base oil	82-87
2 Additive system containing propriety formulated ingredients	13-18
3 Other minor additives	<1

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

Inhalation: If overcome by vapor remove victim to fresh air; administer oxygen if breathing is difficult. Get medical attention.

Skin Contact: Remove contaminated clothing and wipe excess off. Wash with soap and water or a waterless hand cleaner followed by soap and water. If irritation occurs, get medical attention.

Eye Contact: Flush with water for 15 minutes while holding eyelids open. If irritation persists, get medical attention.

Ingestion: Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested, however, get medical attention.

Note to Physician: In general, Emesis Induction is unnecessary in high viscosity, low volatility products, I.E., most oils and greases.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Use water fog, foam, dry chemical or CO₂.

Do not use a direct stream of water. Product will float and be reignited on surface of water.

5.2. Special Fire Fighting Procedures and Precautions:

Material will not burn unless preheated. Do not enter confined fire-space without full bunker gear (Helmet with face shield, bunker coats, gloves and rubber boots), including a positive-pressure NIOSH-Approved self-contained breathing apparatus. Cool fire exposed containers with water.

Flammable Limits / % Volume in Air.

Lower: N/AV

Upper: N/AV

NFPA Ratings: Health 1 | Flammability: 1 | Reactivity: 0 | Special: --

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Under fire conditions, may produce fumes, smoke, oxides of carbon and hydrocarbons.

Other Information: Refer to Section 9 for flammability properties.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

May burn although not readily ignitable. Use cautious judgement when cleaning up large spill.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Place in an appropriate disposal facility in compliance with local regulations.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Heading 8. Exposure controls and personal protection. For further information, refer to section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained. Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Eye Contact: Lubricating oils are general considered no more than minimally irritating to the eyes.

Skin Contact: Lubricating oils are generally considered no more than mildly irritating to the skin. Prolonged and repeated contact may result in various skin disorders such as Dermatitis, Folliculitis or Oil Acne.

Inhalation: Inhalation of vapor (generated at high temperatures only) or oil mist from this product may result in mild irritation of the upper respiratory tract.

Ingestion: Lubricating oils are generally considered no more than slightly toxic if swallowed.

Signs and Symptoms: Irritation as noted above.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Aggravated Medical Conditions: Preexisting skin and respiratory disorders may be aggravated by exposure to this product. The International Agency For Cancer Research has determined there is sufficient evidence for the carcinogenicity in experimental animals exposed by contact to used motor (crankcase) oil. Handling procedures and safety precautions in the MSDS should be followed to minimize exposure to the product as used lubricating oil in gasoline or diesel fueled internal combustion engines.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

8.2. Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Personal Protective Equipment: Protective goggles. Gloves. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Clear-yellow to darker
Odor	: Mild hydrocarbon
Electrical Conductivity	: Not expected to be a static accumulator
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Boiling Point	: Not available
Flash Point	: Not available
Auto-ignition Temperature	: >320 °C / 608 °F
Melt Point	: Not available
Pour Point	: Not available
Upper/Lower Explosion/Flammability Limits	: 1-10% V (based on Mineral Oil)
Vapor Pressure:	: <0.3kPa (0.1 @ 20 °C [Est])
Vapor Density	: (Air=1.0)>1.0
Specific Gravity 60/60 F	: (H2O = 10.0) API @ 60 °F: 23.5
Solubility	: Negligible
Percent Volatile by Volume	: Negligible
Viscosity @ 100 °F	: cSt Not available
Viscosity @ 40 °C	: cSt 38.0

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.
- 10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

10.6. Hazardous Decomposition Products: Thermal decomposition products are highly dependent on the combustion conditions. A complex mixture of airborne solid, liquid, particulate and gases will evolve when this material undergoes pyrolysis or combustion. Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Not classified

Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Overexposure may be irritating to the respiratory system.

Symptoms/Injuries After Skin Contact: Repeated or prolonged skin contact may cause irritation.

Symptoms/Injuries After Eye Contact: Direct contact with the eyes is likely irritating.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: Not Classified

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Petroleum distillates, solvent dewaxed (64742-65-0)

LD50 Oral (Rat) OSHA - Non Toxic Based on Similar Material(s)	> 5 g/kg
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LD50 Dermal (Rabbit) OSHA - Non Toxic Based on Similar Material(s)	> 5 g/kg
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Carcinogenicity Classification (Highly Refined Mineral Oil/IP346<3%): IARC 3=No carcinogenicity to humans. ACGIH A4=Unclassified as a human carcinogen. GHS/CLP=No carcinogenicity classification. NTP=No IOSHA=No

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Toxic to aquatic life.

Petroleum distillates, solvent dewaxed (64742-65-0)

EC50 Daphnia 1	> 1000 mg/L (Exposure time: 48 h – Species: Daphnia magna)
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LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
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12.2. Persistence and Degradability

Not available

12.3. Bioaccumulative Potential

Not available

12.4. Mobility in Soil

Not available

Safety Data Sheet

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12.5. Other Adverse Effects

Other Information: This product is classified as an oil under section 311 of the Clean Water Act. Spills entering (A) surface waters of (B) any water courses or sewer's-entering/leading to surface waters that cause a sheen must be reported to the nearest local Environmental Protection Agency Office.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Sewage Disposal Recommendations: Do not empty into drains; dispose of this material and its container in a safe way. Do not empty into drains. Do not dispose of waste into sewer.

Waste Disposal Recommendations: The product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate government waste disposal facility. Compliance with all appropriate Federal, State, and Local regulations should be satisfied at time of disposal. Base Oil Component is expected to be inherently biodegradable.

Incineration Disposal Recommendations: Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Proper characterization is recommended.

SECTION 14: TRANSPORT INFORMATION

- 14.1. In Accordance with DOT Not regulated for transport
- 14.2. In Accordance with IMDG Not regulated for transport
- 14.3. In Accordance with IATA Not regulated for transport
- 14.4. In Accordance with TDG Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

U.S. TSCA 8b INVENTORY: All components of this product are on the US TSCA Inventory.

Other TSCA Regulations: Other TSCA Regulations: None Known

SARA SECTIONS 301- 304: This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances List.

SARA SECTION 311/312(Hazard): This product does not contain any chemical substance on SARA Hazard, Delayed Health Hazard List.

SARA SECTION 313: This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical (Toxic Chemicals) substances listed under SARA Section 313.

CERCLA HAZARDOUS SUBSTANCES: None Known

FDA APPROVAL: Not Applicable

RCRA STATUS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. Under RCRA it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 08/25/2020
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

H402	Harmful to aquatic life.
P273	Avoid release into the environment.
P501	Dispose of contents/container in accordance with local, regional, national, and international regulations.

Party Responsible for the Preparation of This Document

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. North American Lubricants Company assumes no responsibility for injury from the use of the product described herein.

North America GHS US 2012 & WHMIS 2