



Material Safety Data Sheet (MSDS) for Base Oil SN500

Section 1: Product Information

Product Name: Base Oil SN500
Chemical Family: Hydrocarbons
CAS Number: 64742-54-7

Section 2: Hazard Identification

Classification:
Not classified as hazardous.
Signal Word: None
Hazard Statements: None

Section 3: Composition/Information on Ingredients

Chemical Name: Base Oil SN500
Concentration: Predominantly aliphatic hydrocarbons.

Section 4: First Aid Measures

Eye Contact: Rinse with water for at least 15 minutes. Seek medical attention if irritation persists.
Skin Contact: Wash affected areas with soap and water. Seek medical attention if irritation occurs.
Inhalation: Remove to fresh air. If breathing difficulties persist, seek medical attention.
Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention.

Section 5: Fire-fighting Measures

Suitable Extinguishing Media: Foam, carbon dioxide, dry chemical, water spray.
Specific Hazards: Non-flammable. May release irritating or toxic fumes under fire conditions.
Special Protective Equipment: None required for normal fire conditions.

Section 6: Accidental Release Measures

Personal Precautions: Use personal protective equipment. Avoid inhalation and skin contact.
Environmental Precautions: Prevent entry into waterways. Contain and collect spilled material.



Section 7: Handling and Storage

Handling: Use in well-ventilated areas. Avoid contact with eyes, skin, and clothing.

Storage: Store in cool, well-ventilated areas away from heat sources and ignition sources. Keep containers tightly closed.

Section 8: Exposure Controls/Personal Protection

Exposure Limits:

OSHA Permissible Exposure Limit (PEL): Not established.

ACGIH Threshold Limit Value (TLV): Not established.

Engineering Controls: Use local exhaust ventilation to maintain airborne concentrations below exposure limits.

Personal Protective Equipment: Wear appropriate protective clothing, gloves, and eye/face protection.

Section 9: Physical and Chemical Properties

Physical State: Liquid

Color: Pale yellow

Odor: Characteristic petroleum odor

Flash Point: >200°C (392°F)

Boiling Point: >300°C (572°F)

Section 10: Stability and Reactivity

Stability: Stable under normal conditions.

Incompatibility: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Combustion may produce carbon monoxide, carbon dioxide, and other toxic gases.

Section 11: Toxicological Information

Acute Toxicity: Low toxicity by ingestion. Inhalation exposure may cause respiratory irritation.

Skin Irritation: Non-irritating.

Eye Irritation: Non-irritating.

Section 12: Ecological Information

Ecotoxicity: Not expected to be harmful to aquatic life.



Section 13: Disposal Considerations

Dispose of in accordance with local, regional, and national regulations.

Section 14: Transport Information

UN Number: Not applicable

Proper Shipping Name: Not regulated for transport.

Section 15: Regulatory Information

Follow all applicable regulations and guidelines.

Section 16: Other Information

This MSDS is intended to provide a summary of key information. It is not a comprehensive document. For detailed information, refer to the product label and technical data sheet.