

# 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, wa<mark>ter spray.</mark>
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**

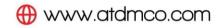
Acute Toxicity: Low toxicity by ingestion. Inhalation exposure may cause respiratory irritation.

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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.

