



## Material Safety Data Sheet (MSDS)

**Product Name:** Base Oil SN500, SN150, SN350, SN650, SN70

**Supplier:** Basekim

**Country of Origin:** UAE / Turkey

**Intended Use:** Lubricant blending, industrial formulations, rubber processing, and petrochemical applications.

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### Section 1: Identification

- **Product Names:**
  - Base Oil SN150
  - Base Oil SN350
  - Base Oil SN500
  - Base Oil SN650
  - Base Oil SN70
- **Chemical Family:** Hydrocarbon – Mineral Oil
- **Synonyms:** Neutral Oil, Mineral Base Oil, Paraffinic Base Oil
- **Recommended Use:** Engine oil, gear oil, industrial lubricants, transformer oil blending.
- **Supplier Information:**

**Basekim** – UAE & Turkey  
Website: basekim.com
- **Emergency Contact:**

Local Emergency Number / Company Helpline

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### Section 2: Hazard Identification

- **Classification:**
  - Not classified as hazardous under GHS standards.
  - Non-flammable under normal storage conditions.
- **Labeling Elements:**
  - No pictogram required.
  - Signal Word: *None*
  - Hazard Statement:
    - May cause mild skin or eye irritation on prolonged contact.
    - Inhalation of mists may cause respiratory irritation.



- **Precautionary Statements:**
  - Avoid direct contact with eyes and skin.
  - Wash hands thoroughly after handling.
  - Use in well-ventilated areas.

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### Section 3: Composition / Information on Ingredients

Component	CAS Number	Percentage (%)
Paraffinic Hydrocarbons	64742-54-7	98-100%

No hazardous additives are included.

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### Section 4: First Aid Measures

- **Eye Contact:**  
Rinse cautiously with clean water for 15 minutes. Seek medical attention if irritation persists.
- **Skin Contact:**  
Remove contaminated clothing. Wash skin with soap and water.
- **Inhalation:**  
Move to fresh air. If breathing difficulty occurs, seek medical attention.
- **Ingestion:**  
Do NOT induce vomiting. Seek immediate medical care.

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### Section 5: Firefighting Measures

- **Flash Point:** >200°C (Closed Cup)
- **Extinguishing Media:** Foam, CO<sub>2</sub>, dry chemical powder.
- **Unsuitable Media:** Direct water stream (may spread fire).
- **Special Hazards:**
  - Burning may release smoke, carbon monoxide, and carbon dioxide.
- **Protective Equipment:**
  - Firefighters should wear self-contained breathing apparatus.



## Section 6: Accidental Release Measures

- **Personal Precautions:**  
Use gloves, goggles, and protective clothing.
- **Environmental Precautions:**  
Prevent entry into drains, waterways, or soil.
- **Cleanup Methods:**
  - Absorb spills with sand, earth, or inert absorbent material.
  - Place in sealed containers for proper disposal.

## Section 7: Handling and Storage

- **Handling:**
  - Avoid prolonged skin contact.
  - Use with proper ventilation.
- **Storage:**
  - Store in cool, dry, well-ventilated areas.
  - Keep containers tightly closed.
  - Recommended storage temperature: 5°C–40°C.
- **Incompatible Materials:**  
Strong oxidizing agents.

## Section 8: Exposure Controls / Personal Protection

- **Exposure Limits:**  
No specific occupational exposure limits for mineral oils.
- **Personal Protective Equipment (PPE):**
  - **Respiratory Protection:** If mist is present, use appropriate mask.
  - **Skin Protection:** Protective gloves.
  - **Eye Protection:** Safety goggles.
  - **Clothing:** Coveralls to avoid repeated exposure.

## Section 9: Physical and Chemical Properties

Property	SN150	SN350	SN500	SN650	SN70
Appearance	Clear, light yellow	Clear, light yellow	Clear, amber	Clear, amber	Clear, colorless
Odor	Mild	Mild	Mild	Mild	Mild



Property	SN150	SN350	SN500	SN650	SN70
	petroleum odor	petroleum odor	petroleum odor	petroleum odor	petroleum odor
Flash Point (°C)	200+	220+	230+	235+	190+
Density @ 15°C (kg/L)	0.870–0.880	0.875–0.885	0.880–0.890	0.885–0.895	0.860–0.870
Viscosity @ 40°C (cSt)	28–32	65–70	90–100	120–130	10–15
Pour Point (°C)	-9	-9	-6	-6	-12
Solubility	Insoluble in water	Insoluble in water	Insoluble in water	Insoluble in water	Insoluble in water

## Section 10: Stability and Reactivity

- **Chemical Stability:** Stable under normal conditions.
- **Reactivity:** Non-reactive under normal handling.
- **Hazardous Decomposition:**
  - CO<sub>2</sub>, CO, and other toxic fumes during combustion.
- **Conditions to Avoid:**
  - Extreme heat, open flames, oxidizing materials.

## Section 11: Toxicological Information

- **Acute Toxicity:**
  - Low oral and dermal toxicity.
- **Skin Contact:**
  - Prolonged exposure may cause mild irritation or dermatitis.
- **Eye Contact:**
  - May cause temporary irritation.
- **Inhalation:**
  - High concentrations of mist may cause respiratory discomfort.

## Section 12: Ecological Information

- **Ecotoxicity:**
  - May cause long-term harm to aquatic life.
- **Persistence and Degradability:**





- Not readily biodegradable.
- **Bioaccumulation Potential:**
  - May accumulate in aquatic organisms.
- **Environmental Precautions:**
  - Prevent release into soil and water sources.

### Section 13: Disposal Considerations

- Dispose of in accordance with local, regional, and national regulations.
- Do not pour into drains or soil.
- Use approved waste disposal facilities.

### Section 14: Transport Information

Parameter	Information
UN Number	Not classified as hazardous
Proper Shipping Name	Mineral Oil
Hazard Class	Non-hazardous
Packing Group	None
Marine Pollutant	No

### Section 15: Regulatory Information

- This product is not classified as dangerous under current regulations.
- Complies with REACH, OSHA, and GHS guidelines.

### Section 16: Other Information

- **Revision Date:** September 2025
- **Prepared by:** Basekim Technical Team
- **Disclaimer:**

The information provided in this MSDS is based on our current knowledge and is intended to describe the product for health, safety, and environmental purposes. It should not be considered as a warranty or specification.