



Material Safety Data Sheet (MSDS)

White Spirit

Prepared by Basekim

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: White Spirit

Chemical Name: Mineral Spirits

CAS Number: 8052-41-3

Manufacturer: Basekim Company

Intended Use: Solvent for industrial and commercial applications.

2. HAZARDS IDENTIFICATION

Classification:

- Flammable Liquid (Category 3)
- Acute Toxicity (Category 4, Inhalation)
- Skin Irritation (Category 2)
- Aspiration Hazard (Category 1)

Label Elements:

- Signal Word: Danger
- Hazard Statements:
 - H226: Flammable liquid and vapor.
 - H304: May be fatal if swallowed and enters airways.
 - H315: Causes skin irritation.
 - H332: Harmful if inhaled.

Precautionary Statements:

- P210: Keep away from heat, sparks, open flames, and hot surfaces.
- P280: Wear protective gloves, clothing, and eye protection.
- P301+P310: If swallowed, immediately call a poison center or doctor.
- P403+P235: Store in a well-ventilated place. Keep cool.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Percentage (%)
Hydrocarbons, C9-C12	64742-82-1	80-100
Aromatics (e.g., Toluene, Xylene)	Various	≤ 20



4. FIRST AID MEASURES

- Inhalation: Move to fresh air. Seek medical attention if symptoms persist.
- Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing.
- Eye Contact: Rinse immediately with plenty of water for at least 15 minutes. Seek medical attention.
- Ingestion: Do NOT induce vomiting. Call a poison center or doctor immediately.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Foam, dry chemical, CO₂, or water fog.

Special Hazards: Vapors may form explosive mixtures with air.

Protective Equipment: Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

- Eliminate ignition sources.
- Ventilate the area.
- Absorb spilled material with non-combustible absorbents (e.g., sand, vermiculite).
- Dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

- Handle in well-ventilated areas.
- Keep away from ignition sources.
- Store in tightly closed containers in a cool, dry, and well-ventilated location.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

Component ACGIH TLV OSHA PEL

White Spirit 100 ppm (TWA) 500 ppm (TWA)

Personal Protection Equipment (PPE):

- Respiratory Protection: Use NIOSH-approved respirator.
- Skin Protection: Wear chemical-resistant gloves.
- Eye Protection: Safety goggles or face shield.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Clear liquid
- Odor: Mild petroleum
- Boiling Point: 150–200°C



- Flash Point: 38°C (100°F)
- Vapor Pressure: ~0.4 kPa (at 20°C)
- Specific Gravity: 0.78–0.82 (at 20°C)

10. STABILITY AND REACTIVITY

- Stability: Stable under normal conditions.
- Hazardous Reactions: May react with strong oxidizing agents.
- Decomposition Products: Carbon monoxide, carbon dioxide, and other hydrocarbons.

11. TOXICOLOGICAL INFORMATION

- Acute Toxicity:
 - Inhalation: May cause dizziness, headache, or respiratory irritation.
 - Skin: Prolonged contact may cause irritation.
 - Ingestion: Aspiration may cause severe lung damage.
- Chronic Effects: Prolonged exposure may damage the central nervous system.

12. ECOLOGICAL INFORMATION

- Aquatic Toxicity: Harmful to aquatic life with long-lasting effects.
- Persistence and Degradability: Not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, regional, and national regulations. Avoid release into the environment.

14. TRANSPORT INFORMATION

- UN Number: 1268
- Proper Shipping Name: Petroleum Distillates, N.O.S. (White Spirit)
- Hazard Class: 3
- Packing Group: III

15. REGULATORY INFORMATION

- Classified under GHS standards.

16. OTHER INFORMATION

Preparation Date: 2025-01-09

Disclaimer: The information provided in this MSDS is believed to be accurate but does not substitute professional judgment. Basekim Company assumes no liability for improper use of this product.

