



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Commercial Name : White Spirit (MS-T-280)
Chemical Family : Petroleum Distillate
HS code : 271012190003
CAS. NO : 64742-82-1
Emergency Telephone : 00966-13-834-4909
Supplier : **SEVEN ROOTS CHEMICALS FACTORY**
2nd Industrial City, Dammam, Kingdom of Saudi Arabia

2. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS Number	Amount
Naphthenic/Aromatic/Paraffinic Oil (Traces)	Mixture	100% Weight

3. HAZARDS IDENTIFICATION

Emergency Overview

Oil mist may cause respiratory irritation.

Do not ingest. Do not get in eyes, on skin or clothing. In accordance with good industrial hygiene and safety work practices.

Airborne exposure should be controlled to the lowest extent practicable. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling

Routes of entry: Dermal contact, eye contact, Inhalation, Ingestion.

Health Hazards:

Acute Effect:

Eyes: May cause eye irritation

Skin: Repeated exposure may cause skin dryness or cracking

Inhalation: May cause slight respiratory irritation

Ingestion: Ingestion may cause gastrointestinal irritation.



Carcinogenic Effects: No component of this product at level greater than 0.1% is identified as a carcinogenic by ACGIH or the U.S. Occupational Safety and Health Act (OSHA)

4. FIRST AID MEASURES

Eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

Skin Contact: Remove clothing and shoes if contaminated. To remove the material from skin, use soap and water.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

5. FIRE-FIGHTING MEASURES

Fire Classification: Classified by OSHA as Flammable liquid

NFPA Ratings: Health:1 Flammability:3 Reactivity:0

Flash Point: 80° C(Min)

Auto Ignition temperature: 315° C

Flammability (Explosive limits in air: Lower:0.6, Upper:6.5

Burning Rate: 4 mm/min

Extinguishing Media: Use AFFF foam, dry chemical or carbon dioxide (CO₂) to extinguish flame.

Protection of Fire Fighters: For fire involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Product of Combustion: These products are carbon monoxide, carbon dioxide & sulphur oxides

Protective Measures: Eliminate all sources of ignition in vicinity of spilled material.



Spill Management: Stop the source of release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or ground water. Clean up spill as soon as possible. Use appropriate techniques such as applying non-combustible absorbent material or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated material in disposable container.

7. HANDLING AND STORAGE

Handling: Do not ingest. Do not get in eyes, on skin or clothing. Avoid contact with skin and clothing. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable. Use only with adequate ventilation. Wash thoroughly after handling.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Empty containers may contain combustible residue. Do not cut, grind, drill, weld or dispose of container unless adequate precautions are taken against these hazards.

Static Hazard: Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding is necessary.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient name

Occupational Exposure Limit

Naphthenic/Aromatic/paraffinic Oil

ACGIH (United States)

TWA: 5mg/m³ 8 hours From: Oil Mist

STEL: 10mg/m³ 15 minutes From: Oil Mist

OSHA (United States)

TWA: 5mg/m³ 8 hours From: Oil Mist

Control Measure:

Provide exhaust ventilation or other engineering control to keep the relevant airborne concentrations below their respective occupational exposure limits.

**Hygiene Measure:**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, using the lavatory and at the end of the working period.

Personal Protection:

Eyes: Avoid contact with eyes. Wear safety glasses with side shields

Skin & Body: Avoid contact with skin & clothing. Wear suitable protective clothing

Respiratory: Use only with adequate ventilation. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable.

Hands: None required for incidental contact. Use gloves constructed of chemical resistant materials such as nitrile rubber if frequent or prolonged contact is expected.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Liquid
Colour	:	Clear / Yellow
Odour	:	Perceptible odour
Specific Gravity	:	0.815 at 15° C
Boiling Range	:	200°C-310° C
pH	:	Not applicable
Flash Point	:	85° C
API Gravity	:	51-48 at 15° C.
Reid Vapour Pressure	:	0.13 psia

10. STABILITY AND REACTIVITY

Chemical Stability	:	Stable
Condition to Avoid	:	Avoid direct sunlight. Keep away from heat, flame and other potential ignition sources.
Material Incompatibility	:	Strong oxidizing agents.
Hazardous polymerization	:	Not pertinent
Reactivity Group	:	33

**11. TOXICOLOGICAL INFORMATION:****Chronic toxicity****Carcinogenic Effects:**

No component of this product at level greater than 0.1% is identified as a carcinogenic by ACGIH or the U.S. Occupational Safety and Health Act (OSHA)

Mutagenic Effects:

No component of this product at level greater than 0.1% is classified by established regulatory criteria as a mutagen.

12. ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

If spilled, this product and any contaminated soil or water may be harmful to human, animal and aquatic life. Petroleum based oil normally will float on water, in stagnant or slow flowing waterways oil layer can cover a large surface area. As a result, this oil layer might or eliminate natural atmospheric oxygen transport into the water. With time, if not removed, oxygen depletion in the waterway may be enough to cause a fish kill or create an anaerobic environment.

13. DISPOSAL CONSIDERATIONS

Avoid contact of spilled material and runoff with soil and surface waterways. Consult an environmental professional to determine if local regulations would classify spilled or contaminated as hazardous waste. Transportation, treatment, storage and disposal of waste

material must be conducted in accordance with RCRA regulations. State or local regulation may be more restrictive.

**14. TRANSPORT INFORMATION**

UN Number : 1300
IMO CLASS : 3.3
IATA dangerous Goods Class : Class 3 (Flammable Liquids)

15. REGULATORY INFORMATION

This product does not contain any hazardous ingredients at or above regulated thresholds.

Label Requirement : Flammable

16. OTHER INFORMATION**HMIS Hazard Rating:**

Health Hazard 1

Flammability 3

Reactivity 0

Personal Protection G