



## MATERIAL SAFETY DATA SHEET

### **1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name : Low Aromatic White Spirit (LAWS)  
Synonyms : White Mineral Oil/ Hydrocarbon Solvent  
HS Code : 27101990  
Company Name : Al-Shall International Trading Company  
Address : Salem AL Mubarak St, Salmiya Ghani Palace Complex,  
Level 1, Office 6, Kuwait  
Telephone Number : +965 99477580 – Sunday – Thursday: 08:00 – 16:00  
Email : [export@alshallint.com](mailto:export@alshallint.com) [sales@alshallint.com](mailto:sales@alshallint.com) [info@alshallint.com](mailto:info@alshallint.com)

### **2. COMPOSITION/INFORMATION ON INGREDIENTS**

This product is a complex mixture of hydrocarbons and mineral oils.

Name	CAS NO.	Concentration:
Highly refined hydro treated mineral oil	8042-47-5	100%

This product does not contain any hazardous ingredients.

### **3. HAZARDS IDENTIFICATION**

#### **Statement of hazardous/dangerous nature**

Slightly causes irritation in case of eye and skin contact. Inhalation causes headache and nausea. Ingestion causes burning sensation, vomiting and loss of concentration. Potential Chronic Health effects: Not available

### **4. FIRST AID MEASURES**

**Inhalation** : If inhalation of mists, fumes or vapor causes irritation to the nose or throat, or coughing, removes To fresh air. If symptoms persist obtain medical advice.

**Ingestion** : If contamination of the mouth occurs, wash out thoroughly with water. Except as a deliberate act, The ingestion of large amounts of product is unlikely. If it should occur, do not induce vomiting; obtain medical advice.

**Skin Contact** : Wash with soap and large amounts of water. Remove contaminated clothing.

**Eye Contact** : Flush eyes with large amounts of tepid water for at least 15 minutes .If symptoms or irritation Occur call a physician

### **5. FIRE FIGHTING MEASURES**

For major fires, call the fire brigade immediately. Ensure an escape path is always available from any fire. In case of fire, use foam, dry chemical, carbon dioxide, vaporizing liquid or water delivered as a fine spray.do not use water jets. Fires in confined spaces should be dealt with by trained personnel wearing approved breathing apparatus

### **6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** keep public away. Isolate and evacuate area. Shut off source if safe to do so. Advise authorities if substance has entered a watercourse or sewer. Notify local health and pollution control agencies if appropriate. Recover and return free product to proper containers. Use suitable absorbent materials such as vermiculite, sand or clay to clean up residual liquids



## **7. HANDLING AND STORAGE**

**Precautions for Safe Handling:** Avoid skin contact. Good working practices, high standards of personal hygiene and plant cleanliness must be maintained at all times. Whilst using, do not eat, drink or smoke. Wear appropriate gloves. Wash hands thoroughly after contact. . Ensure good ventilation and avoid, as far as reasonably practicable, the inhalation and contact with vapors, mists or fumes which may be generated during use. If such vapor, mists or fumes are generated, their concentration in the workplace air should be controlled to the lowest reasonably practicable level. Avoid contact with eyes. If splashing is likely to occur wear a full face visor or chemical goggles as appropriate. Use disposable cloths and discard when soiled. Do not put soiled cloths into pockets. Take all necessary precautions against accidental spillage into soil or water.

**Conditions for Safe Storage:** Store under cover away from moisture and sources of ignition. Do not overheat in storage.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Exposure Standards:**

Avoid, as far as reasonably practicable, inhalation of vapor, mists or fumes generated during use. If vapor, mists or fumes are generated, their concentration in the workplace air should be controlled to the lowest reasonably practicable level.

### **Respiratory Protection :**

If operations are such that the excessive generation and inhalation of vapors mist or fume may be anticipated, then respiratory equipment meeting appropriate for mists and organic vapors should be worn.

### **Personal Protective Equipment:**

When handling suitable protective clothing of an appropriate standard should be worn. Depending on the type of operation, this may include:

- Visor to protect face and head covering with neck flap
- Protective boots.

If skin contact is likely, wear impervious protective clothing and/or gloves. Protective clothing should be regularly dry cleaned and laundered. Wash any contaminated underlying skin with soap and water.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Colorless, clear and bright

**Odour :** Petroleum odor

**PH :** n/a

**Flash point:** Min 38°C (IP370)

**Aromatic Content:** 16.6

**Flash Point:** Above 65°C

**Total Sulphur:** 0.013

**Melting point:** <-20°C

**Boiling point:** 140-240°C

**Evaporation rate:** 65(Et Et=1) – DIN 53170

**Upper/Lower Flam limits:** 7.0%-0.7%

**Vapour pressure:** <5kPa 20

**Vapour density:** n/a

**Relative Density:** 0.775-0.790

**Water solubility:** Nil

**Solubility in Oils:** 100%

**partition coefficient (Kow):** n/a

**Auto-ignition temperature:** >230

**Decomposition temperature:** n/a

**Surface tension:** 0.0245 N/m @25°C

**Viscosity:** 0.95 m<sup>2</sup>/s 40

**Explosive properties:** May form explosive mixture with air

**Oxidizing properties:** n/a

**Particle size:** n/a



#### **10. STABILITY AND REACTIVITY**

**Chemical Stability:** Products of this type are stable and unlikely to react in a hazardous manner under normal conditions of use. Hazardous polymerization reactions will not occur. This material is combustible.

**Conditions to Avoid** Sources of ignition

#### **11. TOXICOLOGICAL INFORMATION**

**Inhalation:** At normal ambient temperatures, this product will be unlikely to present an inhalation hazard because of its low volatility. This material contains polycyclic aromatic hydrocarbons (PCAH's) at low levels. The handling procedures and personal protective measures described should be followed to minimize employee exposure.

**Ingestion:** Unlikely to be accidentally swallowed in view of the high handling temperatures. Except as a deliberate act, the ingestion of large amounts of product is unlikely. Ingestion of product may cause nausea or diarrhea. Ingestion of hot product will cause burns to the mouth, throat and stomach.

#### **12. ECOLOGICAL INFORMATION**

**Eco toxicity:** Unlikely to cause long term effects in the aquatic environment.

**Persistence /Degradability:** This product is not biodegradable.

#### **13. DISPOSAL CONSIDERATIONS**

Dispose of via an authorized person/ licensed waste disposal contractor in accordance with local regulations.

Incineration may be carried out under controlled conditions provided that local regulations for emissions are met.

Where possible arrange for the product to be recycled. Dispose of product and container carefully and responsibly. Do not dispose of near or into waterways,

Ditches or down drains.

#### **14. TRANSPORT INFORMATION**

This product is not classified as hazardous

Not covered by International regulation on the transport of dangerous goods (IMDG, IATA,

ADR/RID); Not a marine pollutant

UN No.: Not applicable

#### **15. REGULATORY INFORMATION**

US Federal Regulatory Information

TSCA Inventory Listing: Mineral Oil – CAS no. 8042-47-5

#### **16. OTHER INFORMATION**

**Date of preparation or last revision of MSDS :** SEP 2018