

# MSDS

Material Safety Data Sheets

## *Material Safety Data Sheet*

### *Base Oil*

#### **1. Chemical Product Identification**

**Product Name:** Base Oil

**Supplier:** Zista Group

**Generic Name:** Base Oil

**Chemical Family:** Mineral Wax

#### **2. Composition/Information on Ingredients**

Substance Name: Distillates (petroleum), hydrotreated light paraffinic

CAS NO.: 64742-55-8

EC No.: 265-157-1

Purity: 100%

#### **3. Hazards Identification**

##### **HAZARD CLASSIFICATION IN ACCORDANCE WITH GHS**

Not classified. Physical and Chemical Hazards

Asp. Tox. 1 - H304 Human health

Not classified. Environment

##### **LABEL IN ACCORDANCE WITH GHS**



#### **4. First Aid Measures**

##### **GENERAL INFORMATION**

Contact physician if discomfort continues.

##### **INHALATION**

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Move the exposed person to fresh air at once.

If respiratory problems, artificial respiration/oxygen.

### **INGESTION**

Get medical attention immediately! Immediately rinse mouth and provide fresh air.

### **SKIN CONTACT**

Remove contaminated clothing immediately and wash skin with soap and water.

Get medical attention promptly if symptoms occur after washing.

### **EYE CONTACT**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention.

## **5. Fire-fighting Measures**

### **EXTINGUISHING MEDIA**

Extinguish with foam, carbon dioxide or dry powder.

### **SPECIAL FIRE FIGHTING PROCEDURES**

NOTE! Use air-supplied respirators to protect against gases\fumes. Use water SPRAY only to cool containers! Do not put water on leaked material.

### **UNUSUAL FIRE & EXPLOSION HAZARDS**

N/A.

### **SPECIFIC HAZARDS**

When heated and in case of fire, corrosive vapours/gases may be formed.

### **PROTECTIVE MEASURES IN FIRE**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## **6. Accidental Release Measures**

### **PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

### **ENVIRONMENTAL PRECAUTIONS**

Do not allow ANY environmental contamination. Do not discharge into drains, water courses or onto the ground.

### **SPILL CLEAN UP METHODS**

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Collect with absorbent, non-combustible material into suitable containers. Transfer to a container for disposal.

### **7. Handling and Storage**

#### **USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Wear full protective clothing for prolonged exposure and/or high concentrations. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

#### **STORAGE PRECAUTIONS**

Keep upright. Keep away from food, drink and animal feeding stuffs. Store in tightly closed original container in a dry, cool and well-ventilated place.

### **8. Exposure Controls/Personal Protection**

#### **PROTECTIVE EQUIPMENT**



#### **PROCESS CONDITIONS**

Provide eyewash station.

#### **ENGINEERING MEASURES**

Provide sufficient ventilation during operations which cause vapour formation.

#### **RESPIRATORY EQUIPMENT**

In case of inadequate ventilation use suitable respirator. Wear mask supplied with: Gas cartridge suitable for organic substances.

#### **HAND PROTECTION**

Chemical resistant gloves required for prolonged or repeated contact.

#### **EYE PROTECTION**

Wear approved safety goggles.

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### **OTHER PROTECTION**

Provide eyewash station.

### **HYGIENE MEASURES**

Wash hands after contact. Promptly remove any clothing that becomes contaminated. **DO NOT SMOKE IN WORK AREA!**

### **9. Physical and Chemical Properties**

- **Appearance:** *Viscous Liquid*
- **Color:** *Clear*
- **Boiling Point:** *N.A*
- **Relative Density:** *0.834 @ 15 °C*
- **Vapor Pressure:** *N.A*
- **Viscosity:** *4.0 -4.5 cst @ 100 °C*  
*18.0-20.00 cst @ 40 °C*
- **Flash Point( °C):** *≥210 °C*
- **Flammability Limit:** *0.9% - 7%*

### **10. Stability and Reactivity**

#### **STABILITY**

Stable under normal temperature conditions and recommended use.

#### **HAZARDOUS POLYMERISATION**

*Will not polymerise.*

#### **MATERIALS TO AVOID**

Strong oxidising substances.

#### **HAZARDOUS DECOMPOSITION PRODUCTS**

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Aldehydes. Ketones Nitrous gases (NO<sub>x</sub>). Sulphurous gases (SO<sub>x</sub>).

### **11. Toxicological Information**

#### **INHALATION**

Not relevant at normal room temperatures. When heated, irritating vapours may be formed.

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### **INGESTION**

Harmful if swallowed.

### **SKIN CONTACT**

No specific health warnings noted.

### **EYE CONTACT**

No specific health warnings noted.

### **HEALTH WARNINGS**

Observe good chemical hygiene practices.

### **ROUTE OF ENTRY**

Ingestion. Skin and/or eye contact.

### **MEDICAL SYMPTOMS**

Diarrhoea. Nausea, vomiting.

## **12. Ecological Information**

### **MOBILITY**

The product is insoluble in water and will spread on the water surface.

### **BIOACCUMULATION**

Will not bio-accumulate.

### **DEGRADABILITY**

The product is not readily biodegradable.

### **ACUTE FISH TOXICITY**

Not considered toxic to fish..

## **13. Disposal Considerations**

### **GENERAL INFORMATION**

Dispose of waste and residues in accordance with local authority requirements.

### **DISPOSAL METHODS**

Incinerate with provision for removal of effluent gases by scrubber.

## **14. Transport Information**

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**GENERAL:** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### **15. Regulatory Information**

**EINECS No. : 256-158-7**

**CLASSIFICATION IN ACCORDANCE WITH EC 1272/2008**

**Classification (EC 1272/2008) Asp. Tox. 1 - H304**

**SAFETY DATA SHEET STATUS**

**Temporarily approved for use for 3 months.**

**CLASSIFICATION IN ACCORDANCE WITH 67/548/EEC**

**Classification (67/548/EEC)**

**Xn;R65.**

**The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16**

### **16. Disclaimer of Expressed and Implied Warranties**

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