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Signature/Date: 24.1.14

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Signature/Date: 24.2.14
1. Chemical Product

**Product Name:** White soft paraffin

**Chemical name:** Petrolatum

**Synonyms:** White Vaseline; White Protopet; Vasoliment; Vaseline; Ultima White; Saxoline; Snow White; Petroleum Jelly; Mineral Jelly, Mineral Fat, Mineral Wax; Paraffin Jelly

**Chemical Formula:** Not applicable

2. Composition and Information on Ingredients

**Composition:** White soft paraffin

**Toxicological Data on Ingredients:** Not applicable

3. Hazards Identification

**Potential Acute Health Effects:** Contact with eyes and skin, inhalation of high concentrations may cause irritation, and ingestion of large quantities may cause nausea and diarrhoea.

**Potential Chronic Health Effects:**

- **CARCINOGENIC EFFECTS:** Not applicable
- **MUTAGENIC EFFECTS:** Not applicable
- **TERATOGENIC EFFECTS:** Not applicable
- **DEVELOPMENTAL TOXICITY:** Not applicable
4. **First Aid Measures**

   **General measures:**
   - **Skin contact:** Wash with soap and water and cover irritated skin with an emollient.
   - **Serious skin contact:** Seek medical attention if irritation develops.
   - **Eye contact:** Remove any contact lenses before flushing eyes with plenty of water, for at least 15 minutes.
   - **Ingestion:** Loosen tight clothing such as collar, tie, belt or waistband, and give water to drink.
   - **Serious indigestion:** If large quantities are swallowed, seek medical attention immediately.
   - **Inhalation:** Remove to fresh air and if not breathing, give artificial respiration, or if breathing is difficult, give oxygen.
   - **Serious inhalation:** Seek medical attention

5. **Fire and Explosion Data**

   **Flammability of the Product:** May be combustible at high temperature
   - **Auto-Ignition Temperature:** Not applicable
   - **Flash points:** 185°C
   - **Flammable limits:** Not applicable
   - **Products of Combustion:** Potential toxic fumes of carbon dioxide/carbon monoxide
   - **Fire Hazards in Presence of Various Substances:** Slightly flammable to flammable in presence of heat.
   - **Explosion Hazards in Presence of Various Substances:** Not applicable
**Fire fighting media and Instructions:** Sand, dry chemical, CO₂, foam or water spray/fog as extinguishing media while wearing self-contained breathing apparatus, protective clothing and eyewear to prevent contact with skin and eyes.

**Special Remarks on Fire Hazards:** Not applicable

**Special Remarks on Explosion Hazards:** Not applicable

### 6. Accidental Release Measures

**NB:** Wear appropriate protective equipment/clothing including gloves before removing any spills.

**Small spills:** Absorb material with sand or other inert material and clean spill site with detergent and water.

**Large spill:** Wear plastic or rubber boots and gloves for protection.

### 7. Handling and Storage

**Precautions:** Keep away from heat and from sources of ignition. Ground all equipment containing material.

**Storage:** Keep container tightly closed, and stored in a cool, well-ventilated area.

### 8. Exposure Controls/Personal Protection

**Airborne Exposure Limits:**
- STEL: 10mgm⁻³
- LTEL 5mgm⁻³

**Engineering Controls:** Use process enclosures or local exhaust ventilation. If dust, fume or mist is generated, ventilation is used.

**Personal Protection:** Rubber gloves, eye goggles and appropriate clothing should be worn if handling bulk material. Hands and face should be thoroughly washed after handling product.
9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state and appearance</td>
<td>White to faintly yellowish, translucent jelly, soft unctuous mass.</td>
</tr>
<tr>
<td>Odour</td>
<td>Practically odourless</td>
</tr>
<tr>
<td>Taste</td>
<td>Practically tasteless</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>Not applicable</td>
</tr>
<tr>
<td>pH (1% solution/water)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>&gt;250°C</td>
</tr>
<tr>
<td>Melting Point</td>
<td>35 -70°C</td>
</tr>
<tr>
<td>Critical Temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Specific Gravity (Water = 1)</td>
<td>0.820 - 0.865 @ 25°C</td>
</tr>
<tr>
<td>Vapour Pressure (mmHg)</td>
<td>&lt;0.1mmHg</td>
</tr>
<tr>
<td>Vapour Density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Volatility</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Water/Oil Distribution Coefficient</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Ionicity (in Water)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Dispersion Properties</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in cold water but soluble in hot water. Also soluble in diethyl ether, benzene, chloroform, petroleum ether, carbon disulfide and oils. Slightly insoluble in alcohol and glycerol.</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable under normal conditions of use</td>
</tr>
<tr>
<td>Corrosivity</td>
<td>Non-corrosive in the presence of glass</td>
</tr>
<tr>
<td>Instability temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Conditions of Instability</td>
<td>Excessive heat</td>
</tr>
<tr>
<td>Incompatibles</td>
<td>Strong oxidisers</td>
</tr>
<tr>
<td>Polymerization</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
11. Toxicological Information

Toxicity to animals:
>2000 mg/kg oral [Rat]

Effects on humans:
**Acute potential health effects:** Contact with eyes and skin, inhalation of high concentrations may cause irritation, and ingestion of large quantities may cause nausea and diarrhoea.

**Chronic potential health effects:**

*MUTAGENIC EFFECTS:* Not applicable

*TERATOGENIC EFFECTS:* Not applicable

*DEVELOPMENTAL TOXICITY:* Not applicable

12. Ecological Information

*Ecotoxicity:* May be toxic to aquatic life.

13. Disposal Considerations

*Waste Disposal:* What is not recycled must be handled as hazardous waste and sent to an approved incinerator or disposed in an approved waste facility. Dispose in the container marked WATER-SOLUBLE NON-HALOGENATED WASTE.

14. References


# Material Safety Data Sheet

**White Soft Paraffin**

**Valid for:**
2 years from approval

## 15. Appendices

Not applicable

## 16. Revision History

<table>
<thead>
<tr>
<th>Version Number</th>
<th>Amendments/ Reasons for change</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Initial Release</td>
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