

# Material Safety Data Sheet

## Section 1 - Chemical Product and Company Identification

**Product Name :** WOAP LIQUID PARAFFIN IP/EP/BP

**Chemical Family :** Petroleum Distillate.

**Chemical Formula :** Severely Hydrotreated Paraffinic Distillate.

**CAS Number :** 8042-47-5

**Company Details :** TENOIT CO., LTD.

Room 4, 5FL., No. 109, Sec. 6, Mingquan East Road, Taipei, Taiwan

**EMERGENCY TELEPHONE NUMBER :** TEL (886) 2 8792-2185 8792-2187

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## Section 2 - Composition And Information On Hazardous Ingredients

Ingredient	CAS Number	Percentage	Hazardous
Severely Hydrotreated Paraffinic Petroleum Oil.	8042-47-5	100	No

## Section 3 - Hazardous Identification

**Potential Health Effects**

**Primary Entry Route :** Skin

**Inhalation :** Inhalation of vapors or mist may be irritating to respiratory passage. Prolonged exposure may result in dizziness and nausea. Target Organ for mineral oil mist is lungs.

**Eye :** Eye contact may result in slight irritation and redness.

**Skin :** Short term contact with skin is unlikely to cause any problems ; excessive or prolonged and repeated contact and poor hygiene conditions may result in dryness, dermatitis, oil acne, cracking and defatting of the skin. Personnel with pre-existing skin disorders should avoid contact with this product.

**Ingestion :** May result in nausea or stomach discomfort.

## Section 4 - First Aid Measures

**Eye Contact :** Flush eyes immediately with plenty of water 15 minutes or until irritation. If redness persists, seek medical help.

**Skin Contact :** Wash thoroughly with soap and water. Remove contaminated clothing. Reuse only after clearing.

**Inhalation :** Remove to fresh air. Assist breathing if necessary. Seek medical help.

**Aspiration :** If there is any suspicion of aspiration into the lungs obtain medical advice.

**Ingestion :** If swallowed, observe for signs of stomach discomfort or nausea. If symptoms persist, seek medical help. Do not induce vomiting.

## Section 5 - Fire Fighting Measures

**Flash Point :** >180°C , Flash Point Method : COC

**Auto ignition Temperature :** >315°C

**Lower Explosive Level(LEL):** Not determined.

**Upper Explosive Limit(UEL) :** Not determined.

**Flammability Classification :** OSHA CLASS III-B Combustible Liquid.

**Extinguishing Media :** Dry Chemical Powder, Foam, CO<sub>2</sub> and water or fog. Water may be used to cool below flash point.

**Unusual Fire or Explosion Hazards :** Do not use forced stream as this could cause fire to spread.

**Combustion Products :** Fumes, Smoke, and Carbon monoxide.

**Fire-fighting Instruction and Equipment :** Use water to cool containers exposed to flames.

Do not enter enclosed or a confined work space without proper protective equipment.

Fire fighting personnel should wear respiratory protection (positive pressure if available).

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## Section 6 - Accidental release Measures

**Spill/Leak Procedures:** Stop spill at source if possible without risk. Contain spill. Eliminate sources of ignition Spill area will be slick. Recover all possible material for reclamation. Use non-flammable absorbent material to pick up remainder of spill.  
**Spill to navigable Waters :** If this material is spilled into navigable waters and creates a visible sheen, it is reportable to Local Response Centre.

## Section 7 - Handling and Storage

**Handling and storage Precautions :** Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty oil containers can contain explosive vapors. NFPA Class IIIB storage. Wash thoroughly after handling.  
**Work/Hygienic Practices :** Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Take shower after work if general contact occurs. Remove oil-soaked and launder before reuse. Discard contaminated shoes and leather gloves.

## Section 8 - Exposure Controls/Personal Protection

**Engineering Controls :** Adequate ventilation is required where excessive heating or agitation may occur to maintain concentration below exposures limits.  
**Eye/Face Protection :** Safety glasses or face shield where splashing is possible.  
**Skin Protection :** Avoid prolonged and or repeated skin contact. If prolonged contact can not be avoided, wear protective gloves(solvent resistant gloves)and clothing.  
**Respiratory Protection :** Normally not required. Respirator should be used in areas where vapor concentration is excessive due to high temperatures or where oil misting occurs.

## Section 9 - Physical and Chemical Properties

<b>Appearance :</b> Clear & bright Heavy liquid	<b>Vapor Pressure( mm Hg) :</b> 0.0059 mm Hg at 100°F
<b>Odor :</b> Mild petroleum odor.	<b>Evaporation Rate :</b> Not applicable
<b>Specific Gravity :</b> 0.86 to 0.905 (Water = 1)	<b>Solubility (H<sub>2</sub>O) :</b> Negligible in water
<b>% Volatiles by volume @21°C(70°F) :</b> Nil	<b>PH :</b> Not applicable
<b>Melting Point :</b> Not applicable	<b>Boiling Point :</b> > 271°C
	<b>Vapor Density(Air=1) :</b> > 5

## Section 10 - Stability and reactivity

**Stability :** Stable under ordinary conditions of use and storage.  
**Polymerization :** Polymerization will not occur.  
**Chemical Incompatibilities :** Strong oxidizers.  
**Condition to Avoid :** Source of ignition.  
**Hazardous Decomposition Products :** Combustion may produce carbon monoxide and carbon dioxide.

## Section 11 - Toxicological Information

**Eyes Effects :** Minimal irritation on contact.  
**Skin Effects :** Practically non-toxic if absorbed. May cause mild irritation with prolonged and repeated exposure.  
**Acute Oral Effects :** Tests on similar material indicate low order of acute oral toxicity.  
**Acute Inhalation Effects :** Low acute toxicity expected on inhalation.

## Section 12 - Ecological Information

**Environmental Fate :** No information found.  
**Environmental Toxicity:** No information found.

