

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name : WOAP 46

Chemical Family : White Mineral Oil

Chemical Formula : Not Available

CAS Number : 8042-47-5

Company Details : TENOIT CO., LTD.

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

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Section 2 - Composition And Information On Hazardous Ingredients

Ingredient	CAS Number	Percentage	Hazardous
White Mineral 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 : >300°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, CO₂ 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

Appearance : Transparent/Water White	Vapor Pressure(mm Hg) : 0.0059 mm Hg at 100°F
Odor : Odourless	Evaporation Rate : Not applicable
Specific Gravity : 0.83 to 0.86 (Water = 1)	Solubility in water : Insoluble
% Volatiles by volume @21°C(70°F) : Nil	PH : Not applicable
Melting Point : Not applicable	Boiling Point : > 280°C
	Vapor Density(Air=1) : > 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.

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Section 13 - Disposal Considerations	
Follow National, State and Local regulations. Not a RCRA hazardous waste if uncontaminated. If "used", RCRA criteria must be determined. Do not flush to drain/storm sewer. If permitted incineration may be practical. Consider recycling.	
Section 14 - Transport Information	
DOT Shipping Label : Not regulated by DOT	
Section 15 - Regulatory Information	
CERCLA/SARA : 302/303/304 categories : Extremely hazardous substances : None 311/312 categories : Immediate(acute) Health Effects : No Delayed(chronic) health effects : No Fire Hazards : No 313 categories : Toxic Chemicals(40 cFR 372) : None Clean Air act : Hazardous Air Pollutants(HAPS) : None Ozone depleting Compounds(ODC) : None OSHA(29CFR 1910) : This product is not hazardous under Hazard Communication Standard 29 CFR 1910.1200 EPA/TSCA Inventory: The components of this product are listed on the EPA/TSCA inventory of chemicals CAS No: 8042-47-5 Foreign Inventories : The components of this product are listed under the following inventories : <ol style="list-style-type: none">1. TAIWAN'S CNS No. - 139542. European Union's EINICS No. 232 - 455 - 83. Korea's ECL No. KE - 354124. CANADA DSL No.:8042-47-55. Australia's ACS No. 8042 -47 -56. Philippine's PICCS - on list	
Section 16 - Other Information	
<u>Hazard Rating</u> 0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme	<u>NFPA/HMIS Classification</u> Health = 0 Fire = 1 Reactivity = 0

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