

SAFETY DATA SHEET

1 . Product and Company Information

Product name : Vacuum pump oil
Code Number : VP005, VP006, VP083
Name of Company : ASADA CORPORATION
Address : 3-60 Kamiida Nishi-machi, Kita-ku, Nagoya, Japan
Responsible Department : R & D Department
TEL: : 052-911-7165
FAX: : 052-914-2062
E-mail address : sales@asada.co.jp

2 . Hazards Identification

GHS classification

Physicochemical hazards : No classification
Toxicological health effects : No classification
Toxicological environment effects : No classification

GHS Label elements

Symbols/Pictograms : No
Instructions : Warning.
Hazardous information : May be harmful in ingestion and inhalation.
May cause irritation.
Instructions : Precaution
· Avoid eye and skin contact and ingestion.
· Avoid inhalation. Keep it out of children reach.

FIRST-AID MEASURES

· Eye contact: Promptly wash eyes with clean water and get medical attention.
· Ingestion: Rinse mouth with water. Do not induce vomiting.
Get medical attention.
· Skin contact: Flush contaminated skin with soap and water.
· Inhalation: Remove the exposed person immediately and provide fresh air.
Get medical attention.

Storage

· Store in cool and well ventilated area away from direct sunshine.
· Keep container tightly closed. Lock storage area.
· Keep it out of children reach.

Disposal

· Dispose according to a rule of a country or the metropolis and districts
· Ask distributor in case of a rule is unknown.

3 . COMPOSITION/INFORMATION ON INGREDIENTS

Single Substance or Compound : A mixture of base oil and additives
Common chemical name or general name : Petroleum hydro-carbon
Chemical property (Chemical formula) : N/A
Composition and content : Petroleum hydro-carbon >90wt%
CAS No. : N/A

4 . First Aid Measure

- First Aid Measure : Continue to rinse for at least 15 minutes immediately.
Remove contact lens if possible.
Get medical attention if pain and irritation left.
- Inhalation : Supply fresh air; and keep at rest in a position comfortable for breathing.
Cover the body with blankets to keep warm and quiet. Get medical attention
- Skin contact : Immediately wash with water and soap thoroughly.
Get medical attention in the presence of inflammation.
- Ingestion : Do not induce vomiting. Get medical attention immediately.
Wash mouth with a plenty of water.
- Expected acute and a tardive symptom : After eye contact, may cause of inflammation.
After inhalation, may cause of lungs inflammation or accumulation of fluid in lungs.
After skin contact, may cause of inflammation.
After ingestion, may cause of diarrhea, vomiting and damage to lungs.

5 . FIRE-FIGHTING MEASURES

- Extinguishing media : Mist of loaded liquid, dry chemicals, carbon dioxide, fire foam, and dry sand are effective.
- Prohibited media : Use of straight steam of water can cause a risk of spreading fire .
- Specific hazards arising from the chemical : When CO, compound of sulfur, and other unknown organic and in organic compound are mixed with oil, may cause of fire.
In case of fire, may generate CO and sulfurous acid.
- Specific methods of fire-fighting : Remove source of fire. Spray water to surrounding facilities to cool down.
- Protection for firefighters : Wear protective goggle and clothing, and respirator when necessary.
Extinguish fire from windward.

6 . ACCIDENTAL RELEASE MEASURES

- Personal precautions. Protective equipment and emergency procedures : Wear protective tools, in case of skin and eye contact.
Use respiratory to prevent inhalation, when mist is generated.
- Environmental precautions : Recover as much as possible to prevent soil and water from contamination.
Avoid flow to river and sewage. Avoid to discharge to the environment.
- Methods and materials for Containment and cleaning up : Remove fire source in surrounding area.
In case of spillage in small quantity: Collect spillage to empty container by absorbing with sand, waste cloth. Wipe out completely by waste cloth.
In case of spillage in large quantity: enclose with embankment to prevent spreading of spillage and collect to empty containers.
Dispose in safe area. Flush with a plenty of water.
Prevent from flowing to river.
In case of the ocean : Use oil fence to prevent from spillage and absorb by mat.
- Preventive measures for secur : Remove nearby all the potential ignition sources immediately.
(Prohibit smoking, spark and fire work nearby area)
Alarm to related department and call for support.

7 . HANDLING AND STORAGE

- Handling
- Technical measures : Keep away from any possible contact with sparks, open flames, and high temperature materials, and do not allow release of vapor without justification. In case of skin and eye contact, wear protective tools.
Well ventilate in case of using in indoor. When mist is generated, use respiratory equipment to prevent inhalation of mist.
- Precautions for safe handling : Avoid contact with halogen, strong acid, alkali and oxidizing agent.

Storage

- Technical measures : Nothing special
Keep container tightly closed
- Storage conditions : Indicate as dangerous material.
Store in well ventilated area.
Avoid direct sunshine.
Away from oxide agent.
Lock storage area.

8 . EXPOSURE CONTROLS / PERSONAL PROTECTION

- Control value : N/A
- Adopted value : ACGIH TLV-TWA 5mg/m³
ACGIH TLV-STEL 10mg/m³
- Facility countermeasure : In case of mist generation, enclose the source of mist generation, or install ventilation system.
Install eye cleaning and body cleaning equipment near the handling site.
- Protective equipment
- Respiratory protection : Wear respiratory protection.
- Hand protection : Wear protective oil resistant gloves.
- Eye protection : Wear eye protection.
- Skin and body protection : Wear protective clothing and safety shoes.

9 . PHYSICAL AND CHEMICAL PROPERTIES

- Physical state
- Color : Clear
- Odor : Slightly
- Melting point/Freezing point : N/A
- boiling point : N/A
- Flash point : 232°C
- Flammable Limits : N/A
- Vapor Pressure : N/A
- Vapor density : N/A
- Solubility in water: : insoluble
- n-Octanol / water : N/A
- Spontaneous ignition temperature : N/A
- Other data
- Dynamic viscosity : 41.4 ~ 50.6mm²/s (40°C)
- Flow point : -10°C

10 . Stability and Reactivity

- Chemical stability : Stable at the normal temperature.
- Incompatible materials : Avoid contact with strong oxidizing compound.
- Conditions to avoid : Avoid contact with blended contact hazardous material.
- Hazardous decomposition products : Avoid contact with halogen, strong acid, alkali and oxidizing agent.
- Possibility of hazardous reactions : In case of fire, may generate CO.

11 . Toxic information

- Acute toxicity (oral) : Not classified: Rat LD50 > 5000 mg/kg
- Acute toxicity (dermal) : Not classified Rat LD50 > 5000 mg/kg
- Acute toxicity (inhalation) : N/A

Skin corrosion / Irritation	:	Not classified	Long-term or continuous contact with the skin without proper cleaning maybe block the pores of the skin, and cause Fat sex acne/folliculitis disease, etc
Serious eye damage/irritation	:	Not classified	
Respiratory organs sensitization/ skin sensitization	:	Not classified	
Original generative cell variation	:	Not classified	
Carcinogenicity	:	Not classified	
Reproduction toxicity	:	Not classified	
Specification target internal organs (single revelation)	:	Not classified	
Specification target internal organs (repeat revelation)	:	Not classified	
Absorption respiratory	:	Not classified	

1 2 . Ecological information

Eco toxicity

Fish acute toxicity	:	Not classified
Algae acute toxicity	:	Not classified
Hazardous to the ozone layer	:	Not classified
Persistence / degradability	:	N/A
Bioaccumulation	:	N/A
soil Mobility	:	N/A
Other adverse reactions	:	N/A

1 3 . Disposal Considerations

Disposal of chemical products	:	In accordance with municipal law.
Disposal of containers	:	In accordance with municipal law.

1 4 . Transport Information

IMDG UN classification. : Not Classified.

International restriction

Under the regulations of ADR、IMDG、IATA , the product not classified as dangerous goods.

1 5 . Regulatory Information

GB 6944-2005: Safety Data Sheet Content and order of dangerous chemicals.

GB / T 16483-2008: Safety Data Sheet Content and order.

GB 13690-1992: Common classification of hazardous chemicals and signs.

GB 12268-2005: List of dangerous chemicals.

GBZ 2.1-2007: Workplace Occupational exposure limits for hazardous chemicals harmful factors

1 6 . OTHER INFORMATION

This product is only used as recommended applications,
if have any other applications, please contact the manufacturers.

This information is based on our current knowledge as drafted,

This information is not a guarantee that the product composition given performance.

The purpose is only from health, safety and environmental provisions to describe the product.