

[Response]

Call a POISON CENTER/doctor if you feel unwell.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

[Storage]

None

[Disposal]

None

3. Composition/Information on Ingredients

Distinction between Substance and Mixture :	Mixture	
Chemical Name/Generic Name :	Synthetic ester lubricating oil, lubricating oil additive	
Chemical Formula :	Not identified	
Ingredient and Concentration :	Synthetic ester lubricating oil	80 - 90%
	Lubricating oil additive	10 - 15%
	Antioxidant	1- 5%

4. First-Aid Measures

Inhalation:	Remove victim to fresh air and let him rinse mouth thoroughly with water. Wrapping a blanket and the like around him to keep warm for a rest, call a doctor/physician immediately.
Skin Contact:	Rinse skin with soap and water.
Eye Contact:	Immediately rinse eyes with clean water for at least 15 minutes. Remove contact lenses if present. Continue rinsing. If eye irritation persists, get medical attention.
Ingestion:	Call a doctor/physician immediately. Do not induce vomiting. If affected, the mouth should be rinsed out thoroughly with water.
Expected Acute and Delayed Symptoms, and Most Important Symptoms/Effects:	If swallowed, may suffer from diarrhea and vomiting. May cause inflammation if in eyes. May cause inflammation if on skin. May feel unwell if mist is inhaled.

5. Fire-Fighting Measures

Suitable Extinguishing Media	Foggy reinforcing agent, foam, powder, or carbon dioxide
Unsuitable Extinguishing Media	Jet water
Specific Hazards	Currently there is no useful information.
Specific Fire-Fighting Measures	Shut off the fire source.
	Use powder or carbon dioxide extinguishers at the beginning of fire. It is effective to intercept the air from a big fire with foam extinguishers. Use of water may cause spreading of fire.

Special Protective Actions for
Fire-Fighting

Cool the surrounding facilities with water spray.
Evacuate non essential personnel around the fire.
Wearing protective glasses, protective clothing, and if necessary,
respiratory protective equipment, start to fight fire on the windward
side.

6. Accidental Release Measures

Personal Precautions, Protective
Equipment and Emergency Procedures

If skin or eye contact is possible, wear protective equipment. If mist
is produced, wear respiratory protective equipment to avoid
inhalation.

Environmental Precautions

Take up as much as possible to avoid soil contamination and water
pollution.

Collection/Neutralization
and Methods/Materials for Containment

Avoid release to the environment.

Eliminate the source of ignition of the surrounding.

In the case of a large amount: Dike ahead of liquid spill area to
minimize migration and then sweep into an empty container for
disposal in a safe place. After disposal, wash away with plenty of
water. In doing so, take care to prevent the high concentration of
wastes from entering public watercourses such as rivers.

In the case of a small amount: Take up into an empty container by
absorbing the spill with earth and sand or rags, and furthermore sop
up with rags thoroughly.

Prevention of Secondary Hazards

Remove all the ignition sources immediately. (Do not smoke nearby
and keep away from sparks and flames.)

Report to the related organs for help.

7. Handling and Storage

Handling:

Technical Measures

Before repairing machinery with remnant oils on, remove them
thoroughly in a safe place. Take precautionary measures against static
discharge and wear electro conductive clothing and shoes.

As vapors released from petroleum products are heavier than air, they
are liable to stagnate.

Due to it, attention should be paid to ventilation and fire.

Handle at room temperatures, paying attention to moisture and to
impurities not to mix with.

If skin or eye contact is possible, wear protective equipment. If mist
is produced, wear respiratory protective equipment to avoid
inhalation.

Use a pump and the like to take out of container.

Color	Light yellow
Odor	Slightly Oily odor
pH	Not applicable
Melting/Freezing Point	Not applicable
Boiling Point	No data available
Flash Point	$\geq 250^{\circ}\text{C}$ (COC)
Explosive Range (Explosive Limits)	No data available
Vapor Pressure	No data available
Vapor Density (air=1)	No data available
Specific Gravity (Density)	$0.97\text{g}/\text{cm}^3$ (15°C)
Solubility	Insoluble in water
Partition Coefficient: n-octanol/water	No data available
Auto-ignition Temperature	No data available
Pour point	-22.5°C
Volatility	None (at room temperatures)

10. Stability and Reactivity

Stability	Stable
Possibility of Hazardous Reactions	No data available (Hazardous reactions will not occur under normal use)
Conditions to Avoid	No data available (Hazardous reactions will not occur under normal use)
Incompatible Materials	Halogen, Strong Acid, Strong Alkali, Strong oxidizer
Hazardous Decomposition Products	None

11. Toxicological Information

Acute Toxicity:

Oral	Information is not classified as Acute Toxicity (Oral).
Dermal	$2000\text{mg}/\text{kg} < \text{ATEmix}(\text{Dermal}) \leq 5000\text{mg}/\text{kg}$ can be estimated (based on GHS Classification). Classified into Acute Toxicity (Dermal) Category 5. $1.0\text{mg}/\text{L} < \text{ATEmix}(\text{Inhalation}) \leq 5\text{mg}/\text{L}$ can be estimated (based on GHS Classification).
Inhalation	Classified into Acute Toxicity (Inhalation) Category 4.
Skin Corrosion/Irritation	Information is not classified as Skin Corrosion/Irritation.
Serious Eye Damage/Eye Irritation	Information is not classified as Serious Eye Damage/Eye Irritation.
Respiratory or Skin Sensitization	Information is not classified as Respiratory or Skin Sensitization.
Germ Cell Mutagenicity	Information is not classified as Germ Cell Mutagenicity.
Carcinogenicity	Information is not classified as Carcinogenicity.

Reproductive Toxicity	Information is not classified as Reproductive Toxicity.
STOT/Systemic Toxicity - Single Exposure	Information is not classified as Specific Target Organ Toxicity/Systemic Toxicity (Single Exposure).
STOT/Systemic Toxicity – Repeated Exposure	Information is not classified as Specific Target Organ Toxicity/Systemic Toxicity (Repeated Exposure).
Aspiration Hazard	Information is not classified as Aspiration Hazard.

12. Ecological Information

Ecotoxicity	Information is not classified as Aquatic Toxicity.
Persistence and Degradability	No information available
Bioaccumulative Potential	No information available
Mobility in Soil	No information available
Hazardous to the ozone layer	No information available
Other Adverse Effects	No information available
Environmental Criteria	No information available

13. Disposal Considerations

Waste Residues	Dispose the waste according to national and local regulations. Do not dump.
Contaminated Containers and Packaging	Contaminated or empty container/packaging are to be disposed according to national and local regulations.

14. Transport Information

International Regulation	
UN Classification	Not restricted
IATA	Not restricted
IMO	Not restricted
Special Precautions	Load the containers in a manner that they are certain not to result in direct sunlight exposure, damage, corrosion, leak, while being transported. Do not place heavy load on top of the container.

15. Regulatory Information

No Information

16. Other Information

- References:
- 1) Recommendation of Occupational Exposure Limits by Japan Society for Occupational Health
 - 2) Thresholds limit values for chemical substances and physical agents and biological exposure indices by ACGIH
 - 3) SDS of raw materials

1. As evaluations on hazards are not necessary satisfactory, special attention should be paid for use.
2. This SDS, summarizing matters to be attended to, is required for proper use of the product and is intended for normal use.
3. Referring to this SDS, properly use and handle this product on the user's own responsibility.
4. The contents of this SDS are based on information available as of today and our knowledge. The information, data, and evaluations herein are not guaranteed, and in addition, may be revised due to revision of laws or knowledge newly obtained.