

SAFETY DATA SHEET

OUR REF No. I-26

## 1. IDENTIFICATION OF THE PRODUCT AND OF THE SUPPLIER

**【PRODUCT NAME】** FLOIL 949P  
**【USE OF THE CHEMICAL】** Lubricating Oil  
**【MANUFACTURER NAME】** Kanto Kasei Ltd.  
**【MANUFACTURER ADDRESS】** 1-8-1, Marunouchi, Chiyoda-ku, Tokyo JAPAN, 100-0005  
**【DIVISION】** Chemical Safety Division  
**【PHONE NUMBER】** TEL: 03(3218)7111 FAX: 03(3218)7100  
**【E-MAIL】** [info@kanto-kasei.com](mailto:info@kanto-kasei.com)

## 2. HAZARDS IDENTIFICATION

CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

This material is not classified as hazardous according to Regulation (EC) No. 1272/2008, as amended, on classification, labelling, and packaging of substances and mixtures.

LABEL ELEMENTS

CLP REGULATION (EC) No 1272/2008 : Not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

DISTINCTION

(SINGLE PRODUCT/MIXTURE) : Mixture  
CHEMICAL NAME : Lubricating Oil  
COMPOSITION BASE OIL : Synthetic oil 90~99wt%  
OTHERS : Additives 1~10wt%  
CHEMICAL FORMULAE : Not disclose, because of trade secrets  
CAS NO : Not disclose, because of trade secrets  
UN CLASS/UN NUMBER : Not applicable

## 4. FIRST-AID MEASURES

IF INHALED : Remove victim to fresh air.  
Get medical advice/attention.  
IF ON SKIN : Wash the affected area with soap and water.  
IF IN EYES : Flush eyes with plenty of water, and get medical advice  
/attention.  
IF SWALLOWED : Do not induce vomiting. Get medical advice/attention.  
If a mouth is polluted, wash it with plenty of water.  
MOST IMPORTANT SYMPTOM : No data available  
PROTECTION OF PERSON : No data available  
GIVE FIRST-AID : No data available  
SPECIAL NOTE TO DOCTOR : No data available

## 5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA : Use spray foam, foam, powder or CO<sub>2</sub> gas  
extinguishing media.  
FIRST FIRE : Use powder or CO<sub>2</sub> gas extinguishing media.  
LARGE-SCALE FIRE : Use foam extinguishing media.  
UNSUITABLE EXTINGUISHING MEDIA : Prohibit rod-shaped water injection.  
PECULIAR HAZARD STATEMENT : No data available

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PECULIAR EXTINCTION METHOD	: Cut off combustion source of fire. : Sprinkle water to equipment to cool. : Prohibit to enter to the scene of a fire except staff.
PROTECTION OF THE PERSON EXTINGUISHES FIRE	: Extinguish fire on the windward side of the fire and not fail to wear protector.

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## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	: Always wear protective equipment when working.
ENVIRONMENTAL PRECAUTIONS	: Take care not to be drained into river and drain. : If the medicine is used for the sea, it should be what suits the standard in the technology that provides by the transportation ministerial ordinance.
METHODS FOR CONTAINMENT AND CLEANING UP	: Remove source of a fire.
SMALL QUANTITY	: Remove with a spatula or shovel, or absorb with soil, sand or a cloth. Wipe off remainder with a cloth.
LARGE QUANTITY	: Prevent access by roping off the perimeter around the leak. Prevent the spilling oil from spreading with soil and sand. After draining off to a safety area, collect as much as possible into an empty container.
AT SEA	: Prevent dispersion by creating an oil fence. Scoop up or use adsorption mats to soak up. When chemicals are used, these must comply with technological standards as set down in ministry of transport ordinances.
PREVENTION MEASURE OF SECOND DISASTER	: Inform promptly a related organization to attempt prevention and the expansion prevention of the accident when leaking. : Remove source of a fire and prepare extinguishing media.

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## 7. HANDLING AND STORAGE

HANDLING	
TECHNICAL MESURES	: Avoid contact with flame, sparks and heated objects. Do not allow unnecessary dispersion of vapor. : Take steps to prevent static electricity, and use conductive work clothes and shoes. : Remove completely it in the safety area, if the mechanical equipment are repaired and are processed. : Wear protector, if there is possibility of skin contact or eye contact. : Avoid inhalation of vapor or mist. : Containers must be sealed.
NOTES	: The vapor from petroleum products builds up easily as it is heavier than air. It is therefore necessary to ensure adequate ventilation and take care with fire.
NOTES OF SAFE HANDLING	: Handling should be done at room temperature. Prevent contamination of water and impurities. : Avoid contact with halogens, strong acids, alkaline substances and oxidants.

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STORAGE : Protect from sunlight. Store in a well-ventilated place.  
 : Avoid heat, sparks, flames and any build-up of static electricity.  
 : Electrical equipment used in the storage area must have a non-explosive structure, and devices must be earthed.  
 : Avoid contact and storing with halogens, strong acids, alkaline substances and oxidants.  
 : Do not apply pressure to empty containers.  
 : Don't cut, weld, heat, or make the hole the container. Traces might ignite attended with the explosion.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EQUIPMENT MEASURES : If the vapor arises, ventilation equipment or closing of vapor source is needed.  
 : The equipment for washing and the body washing of eyes is set up near the handling area.

MANAGEMENT CONCENTRATION : Not established  
 ALLOWABLE CONCENTRATION : Japan Society for Occupational Health(2010)  
 : Not established  
 : ACGIH(2010) TWA : Not established

PROTECTION

RESPIRATORY PROTECTION : If necessary, wear hazard mask.  
 HAND PROTECTION : Wear the resistance to oil if coming in contact repeating for a long term.

EYE PROTECTION : Wear safety glasses with side shields.  
 SKIN PROTECTION : When contacting for a long time or repeatedly, wear oil resistant ones.

APPROPRIATE SANITARY REQUIREMENT : Remove dirty clothes, wash completely and reuse.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : Liquids  
 COLOR : Light yellow  
 ODOR : Slightly odor  
 p H : No data  
 MELTING POINT/FREEZING POINT : No data  
 INITIAL BOILING POINT  
 AND BOILING : No data  
 FLASH POINT : Over 200°C (COC)  
 UPPER/LOWER FLAMMABILITY  
 OR EXPLOSIVE LIMITS : Upper : 7wt% lower : 1wt%  
 VAPOR PRESSURE : No data  
 VAPOR density : No data  
 RELATIVE DENSITY  
 (WATER=1) : Approx. 0.83  
 SOLUBILITY : Water : Insoluble  
 : Other solvent : Insoluble  
 AUTO-IGNITION TEMPERATURE : No data  
 DECOMPOSITION TEMPERATURE : No data  
 VISCOSITY : No data

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**10. STABILITY AND REACTIVITY**

STABILITY	: Stability at room temperature
POSSIBILITY OF HAZARDOUS REACTIONS	: Do not make contact with strong oxidizing agent.
CONDITIONS TO AVOID	: Heating, high temperature, and contact hazardous material
INCOMPATIBLE MATERIALS	: Avoid contact with halogens, strong acids, alkaline substances and oxidants.
HAZARDOUS DECOMPOSITION PRODUCTS	: CO
OTHER	: No data available

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**11. TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY	: Oral : rat LD <sub>50</sub> ≥ 5000mg/kg Dermal : No data Inhalation(vapor) : No data Inhalation(mist) : No data
SKIN CORROSION/IRRITATION	: No data available
SERIOUS EYE DAMAGE/IRRITATION	: No data available
RESPIRATORY OR SKIN SENSITIZATION	: No data
GERM CELL MUTAGENICITY	: No data available
CARCINOGENICITY BASE OIL ADDITIVE	: IARC, OSHA, NTP, EU, EPA, ACGIH Not established : No data available
REPRODUCTIVE TOXICITY	: No data available
STOT-single exposure	: No data available
STOT-repeated exposure	: No data available
ASPIRATION HAZARD	: No data available

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**12. ECOLOGICAL INFORMATION**

TOXICITY FISH	: No data available
OTHERS	: No data available
PERSISTENCE/DEGRADABILITY	: No data available
BIOACCUMULATIVE POTENTIAL	: No data available
MOBILITY IN SOIL	: No data available
OTHER ADVERSE EFFECTS	: No data available

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**13. DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD	: Consider disposal via licensed waste disposal company. Scrap may be incinerated under properly controlled condition. Follow all regulations in your country.
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**14. TRANSPORT INFORMATION**

Not classified as dangerous in all means of transport regulations, including air, sea and land.

**INTERNATIONAL REGULATIONS FOR TRANSPORT**

FOR TRANSPORT	: Not regulated (Not dangerous)
UN CLASS	: Not applicable
UN NUMBER	: Not applicable
PRODUCT NAME	: Not applicable
CONTAINER GRADE	: Not applicable

SEAWATER POLLUTION MATERIAL : None  
SPECIFIC SECURITY PRECAUTION  
AND CONDITION OF TRANSPORTATION : Fire is strictly prohibited because it is flammable liquid.  
: Carry the container so as not to violently vibrate.  
: The stacking height when carrying it should be 3m or less.  
: Not carried along with the high pressure gas.

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#### 15. REGULATORY INFORMATION

Ensure this material in compliance with nation's requirements, and ensure conformity to local regulation.

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#### 16. OTHER INFORMATION

Please read the SDS well before use.

SAFETY DATA SHEETS ARE ISSUED BASED ON THE LATEST INFORMATION WE HAVE KNOWN. HOWEVER, THESE ARE NOT THE ONE TO INSURE SAFETY. THESE ARE PROVIDED TO COMPANIES HANDLING THE MATERIALS AS REFERENCE INFORMATION REGARDING HAZARDOUS AND HARMFUL CHEMICALS TO ENSURE SAFE HANDLING. WE ASK THAT THESE SHEETS BE USED BY COMPANIES AS REFERENCE AND WITH THE UNDERSTANDING THAT IT IS NECESSARY FOR MEASURES APPROPRIATE TO THE SPECIFIC CIRCUMSTANCES RELATED TO HANDLING THE MATERIALS TO BE TAKEN UNDER THEIR OWN RESPONSIBILITY. ACCORDINGLY, THIS DATA SHEET IN NO WAY CONSTITUTES A GUARANTEE OF SAFETY.