

# SAFETY DATA SHEET

According to Regulation (EC)No.1907/2006

DATE OF ISSUE/LAST REVISION : July 22, 2015

OUR REF No. I-25EU

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

【PRODUCT NAME】 FLOIL 948P  
【USE OF THE CHEMICAL】 Lubricating oil  
【SUPPLIER'S NAME】 Kanto Kasei Ltd.  
【SUPPLIER'S ADDRESS】 1-8-1, Marunouchi, Chiyoda-ku, Tokyo JAPAN, 100-0005  
【DIVISION】 Environmental quality assurance  
【PHONE NUMBER】 TEL: 03(3218)7111 FAX: 03(3218)7100  
【E-MAIL】 [info@kanto-kasei.com](mailto:info@kanto-kasei.com)

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## 2. HAZARDS IDENTIFICATION

### EU CLASSIFICATION

(EC) 1272/2008 (CLP) : Not classified

### LABEL ELEMENTS

No label elements according to Regulation (EC) No. 1272/2008

### OTHER HAZARD STATEMENT

IMPORTANT SYMPTOM : The product is flammability, so take care with fire.

ASSUMED STATE OF EMERGENCY : No data available

Environmental Hazards : No significant hazards.

Material does not meet the criteria for PBT or vPvB in accordance with REACH Annex XIII.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### DISTINCTION

(SINGLE PRODUCT/MIXTURE) : Mixture

CHEMICAL NAME : Grease

### COMPOSITION

		<u>EU Classification</u>	
BASE OIL	: Synthetic oil	None	85~95wt%
OTHERS	: Paraffinic mineral oil*	None	1~10wt%
	Additives	None	1~ 5wt%

CHEMICAL FORMULAE : Not specified

CAS NO : Not opened

UN CLASS/UN NUMBER : None

\* The highly refined mineral oil contains <3% (w/w) DMSO-extract, according to IP346.

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## 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

PROTECTION OF PERSON : No data available

GIVE FIRST-AID : No data available

SPECIAL NOTE TO DOCTOR : No data available

## 5. FIRE-FIGHTING MEASURES

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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	: Water must not be used to extinguish.
PECULIAR HAZARD STATEMENT	: No data available
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	: Not fail to wear protector.
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	
SMALL QUANTITY	: Remove source of a fire. : 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 grease 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 MEASURES

- : 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.
- : Don't eat.
- : Wear protector, if there is possibility of skin contact or eye contact.
- : Avoid inhalation of vapor or mist.

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NOTES	: Containers must be sealed. : 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.
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. : Don't turn the heat to an empty container. : 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 ALLOWABLE CONCENTRATION	: Not established : Japan Society for Occupational Health(2006) 3mg/m <sup>3</sup> (as mist of mineral oil) : ACGIH TWA : 5mg/m <sup>3</sup> (as mist of mineral oil)
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	: Wear the long sleeve work wear of the resistance to oil if handling or getting wet for a long term.
APPROPRIATE SANITARY REQUIREMENT	: Take off and wash the wet clothes, and use again.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	: Liquid
COLOR	: Light brown
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 (SETA)
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	: Upper : 7wt%    lower : 1wt% (Base oil)
VAPOR PRESSURE	: No data
VAPOR density	: No data

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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 : No reaction with water  
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 : No data available  
OTHER : No data available

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#### 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY : Oral : rat LD<sub>50</sub> > 5000mg/kg : Not classified  
Dermal : No data  
RESPIRATORY OR SKIN SENSITIZATION : No data  
Suspected of causing genetic defects  
CARCINOGENICITY BASE OIL : IARC, OSHA, NTP, EU, EPA, ACGIH Not established  
ADDITIVE : 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****INTERNATIONAL REGULATIONS**

FOR TRANSPORT : Not regulated (Not dangerous)

UN CLASS : Not applicable

UN NUMBER : Not applicable

PRODUCT NAME : Not applicable

PACKING GROUP : Not applicable

CONTAINER GRADE : Not applicable

SEAWATER POLLUTION MATERIAL : None

SPECIFIC SECURITY PRECAUTION

AND CONDITION OF TRANSPORTATION : The container is avoided direct sunlight, and it  
loads so as not to be damaged, corroded and leak.  
The collapse of cargo piles is prevented surely.  
: Don't pile the heavy load.

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**15. REGULATORY INFORMATION****EU INFORMATION**

CLASSIFICATION (EC1272/2008) : See SECTION2

HAZARDOUS COMPONENT(s) : None

**SPECIFIC PROVISIONS IN RELATION TO PROTECTION OF MAN OR THE ENVIRONMENT**

(EC)1005/2009 : Not regulated

(EC) 649/2012 : Not regulated

(EC)1907/2006 TITLE VII : Not regulated

(EC)1907/2006 TITLE VIII : Not regulated

OTHERS : None

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**16. OTHER INFORMATION**

\* 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 MESURES 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.