



**IDEMITSU**

# SAFETY DATA SHEET

Issue Date no data available

Revision date 04-Dec-2012

Version 1

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

### 1.1. Product identifier

Product code 3245084200  
product name DAPHNE HERMETIC OIL FVC68D  
Pure substance/mixture mixture

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Lubricant.  
Uses advised against not applicable

### 1.3. Details of the supplier of the safety data sheet

#### **Manufacturer**

Idemitsu Kosan Co., Ltd.  
1-1 3-Chome  
Marunouchi  
Chiyoda-ku Tokyo, 100-8321, Japan  
Telephone: +81-3-3213-3143  
Fax: +81-3-3211-5343

For further information, please contact

### 1.4. Emergency telephone number

**Emergency telephone - §45 - (EC)1272/2008**

Europe	United Kingdom: NHS Direct (UK): +44 0845 46 47 Ireland: National Poisons Information Centre (IE): +353 1 8379964
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## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

This mixture is not classified as dangerous according to 1999/45/EC

#### **Classification**

Full text of R-phrases: see section 16

### 2.2. Label elements

#### **Classification**

Not dangerous

#### **R-phrases**

No information available

**S phrases**

No information available

**2.3. Other hazards****Section 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

No information available

**3.2 Mixtures****Full text of R-phrases: see section 16****Section 4: FIRST AID MEASURES****4.1. Description of first aid measures**

<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Ingestion</b>	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapors or decomposition products. (Get medical attention immediately if symptoms occur.).

**4.2. Most important symptoms and effects, both acute and delayed****Symptoms** No information available.**4.3. Indication of any immediate medical attention and special treatment needed****Section 5: FIRE FIGHTING MEASURES****5.1. Extinguishing media****Suitable Extinguishing Media**CO<sub>2</sub>, dry chemical, dry sand, alcohol-resistant foam.**Unsuitable Extinguishing Media**

No information available

**5.2. Special hazards arising from the substance or mixture**

The product causes burns of eyes, skin and mucous membranes Thermal decomposition can lead to release of irritating and toxic gases and vapors In the event of fire and/or explosion do not breathe fumes

**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

**Section 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation, especially in confined areas.

Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

Should not be released into the environment.

**6.3. Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

**6.4. Reference to other sections**

See Section 12: ECOLOGICAL INFORMATION.

**Section 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Use personal protective equipment as required. Avoid breathing vapors or mists.

**7.2. Conditions for safe storage, including any incompatibilities**

Store at ambient conditions. Store in accordance with local regulations.

**7.3. Specific end use(s)****Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available.

**8.2. Exposure controls**

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**  
**Eye/face Protection** Tight sealing safety goggles.

<b>Hand Protection</b>	Wear protective gloves.
<b>Skin and body protection</b>	Suitable protective clothing.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. In case of inadequate ventilation wear respiratory protection.

**Environmental exposure controls** No information available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Physical State</b>	liquid	<b>Odor</b>	Characteristic.
<b>appearance</b>	No information available	<b>odor threshold</b>	No information available
<b>Color</b>	colorless		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>		No information available	
<b>Melting point</b>			
<b>Flash Point</b>	>= 180 °C / 356 °F	Cleveland Open Cup	
<b>Water solubility</b>		No information available	
<b>Kinematic viscosity</b>	66.6 mm <sup>2</sup> /s	@40 °C	
<b>Kinematic viscosity</b>			

### 9.2. Other information

<b>pour point</b>	-37.5 °C
<b>Density</b>	0.94 g/cm <sup>3</sup> @ 15 °C

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

no data available.

### 10.2. Chemical stability

Stable under normal conditions.

#### Explosion Data

Sensitivity to Mechanical Impact	none.
Sensitivity to Static Discharge	No information available.

### 10.3. Possibility of hazardous reactions

#### **Possibility of Hazardous Reactions**

None under normal processing.

### 10.4. Conditions to avoid

Strong oxidizing agents. Heat, flames and sparks.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

## Section 11: TOXICOLOGICAL INFORMATION

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**11.1. Information on toxicological effects****Acute toxicity**

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information.
<b>Inhalation</b>	no data available.
<b>Eye contact</b>	no data available.
<b>Skin contact</b>	no data available.
<b>Ingestion</b>	no data available.

**chronic toxicity**

<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen. This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B).
<b>Sensitization</b>	No information available
<b>Target organ effects</b>	No information available.

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**Section 12: ECOLOGICAL INFORMATION**

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**12.1. Toxicity****12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects Other adverse effects**

No information available.

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**Section 13: DISPOSAL CONSIDERATIONS**

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**13.1. Waste treatment methods**

<b>Waste from Residues / Unused Products</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated packaging</b>	Improper disposal or reuse of this container may be dangerous and illegal.

## Section 14: TRANSPORT INFORMATION

### IMDG

<b>14.1 UN/ID no</b>	Not regulated
<b>14.2 Proper Shipping Name</b>	Not regulated
<b>14.3 Hazard Class</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated
<b>14.5 Marine pollutant</b>	not applicable
<b>14.6 Special Provisions</b>	none
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available

### RID

<b>14.1 UN/ID no</b>	Not regulated
<b>14.2 Proper Shipping Name</b>	Not regulated
<b>14.3 Hazard Class</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated
<b>14.5 environmental hazard</b>	not applicable
<b>14.6 Special Provisions</b>	none

### ADR

<b>14.1 UN/ID no</b>	Not regulated
<b>14.2 Proper Shipping Name</b>	Not regulated
<b>14.3 Hazard Class</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated
<b>14.5 environmental hazard</b>	not applicable
<b>14.6 Special Provisions</b>	none

### IATA

<b>14.1 UN/ID no</b>	Not regulated
<b>14.2 Proper Shipping Name</b>	Not regulated
<b>14.3 Hazard Class</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated
<b>14.5 environmental hazard</b>	not applicable
<b>14.6 Special Provisions</b>	none

### ADN

<b>14.1 UN/ID no</b>	Not regulated
<b>14.2 Proper Shipping Name</b>	Not regulated
<b>14.3 Hazard Class</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated
<b>14.5 environmental hazard</b>	not applicable
<b>14.6 Special Provisions</b>	None

## Section 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>Water hazard class (WGK)</b>	No information available
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**15.2. Chemical safety assessment**

No information available

<b>Section 16: OTHER INFORMATION</b>
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**Full text of R-phrases referred to under sections 2 and 3**

No information available

**Revision date** 04-Dec-2012

**Revision Note** not applicable.

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet