



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**

Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Inhalation	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**CO₂, 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.

Hand Protection	Wear protective gloves.
Skin and body protection	Suitable protective clothing.
Respiratory Protection	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

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

9.2. Other information

pour point	-37.5 °C
Density	0.94 g/cm ³ @ 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

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

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

chronic toxicity

Carcinogenicity	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).
Sensitization	No information available
Target organ effects	No information available.

Section 12: ECOLOGICAL INFORMATION**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.

Section 13: DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

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

Section 14: TRANSPORT INFORMATION

IMDG

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

RID

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

ADR

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

IATA

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

ADN

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

Section 15: REGULATORY INFORMATION

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

Water hazard class (WGK)	No information available
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15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

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

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End of Safety Data Sheet