

**SAFETY DATA SHEET****DAPHNE HI-TEMP OIL AM**

Version 1.1      Revision Date: 2020/07/30      SDS Number: 100000007814      Date of last issue: 2016/12/02  
Date of first issue: 2016/12/02

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : DAPHNE HI-TEMP OIL AM

Product code : 32690266

**Manufacturer or supplier's details**

Company : Idemitsu Kosan Co., Ltd.

Address : 1-1 3-Chome Marunouchi Chiyoda-ku Tokyo, 100-8321, Japan

Telephone : +81-3-3213-3143

Emergency telephone : 001 800 120 666 751 (toll-free, access from Thailand only)

Telefax : +81-3-3211-5343

**Recommended use of the chemical and restrictions on use**

Recommended use : Lubricant

Restrictions on use : None known.

**2. HAZARDS IDENTIFICATION****GHS Classification**

Not a hazardous substance or mixture.

**GHS label elements**

Not a hazardous substance or mixture.

**Other hazards which do not result in classification**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

**Hazardous ingredients**

| Chemical name                           | CAS-No.    | Concentration (% w/w) |
|---|------------|-----------------------|
| Sulfonic acids, petroleum, barium salts | 61790-48-5 | $\geq 0.1$ - $< 1$    |

**No hazardous ingredients**

| Chemical name            | CAS-No. | Concentration (% w/w) |
|--------------------------|---------|-----------------------|
| Mineral oil              | -       | $\geq 95$             |
| Ester                    | -       | $< 1$                 |
| Lubricating oil additive | -       | $< 2$                 |

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Total mineral oil concentration(% w/w) : >= 95

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#### 4. FIRST AID MEASURES

- General advice : Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : None known.
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#### 5. FIRE-FIGHTING MEASURES

- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.
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#### 6. ACCIDENTAL RELEASE MEASURES

- Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.
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#### 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.
- Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid : No materials to be especially mentioned.
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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Ingredients with workplace control parameters**

| Components   | CAS-No.    | Value type<br>(Form of exposure)      | Control parameters /<br>Permissible concentration | Basis |
|--|------------|---------------------------------------|---|-------|
| Distillates (petroleum), hydrotreated heavy paraffinic | 64742-54-7 | TWA<br>(Inhalable particulate matter) | 5 mg/m <sup>3</sup>                               | ACGIH |
| Residual oils (petroleum), hydrotreated                | 64742-57-0 | TWA<br>(Inhalable particulate matter) | 5 mg/m <sup>3</sup>                               | ACGIH |
| Residual oils (petroleum), solvent-dewaxed             | 64742-62-7 | TWA<br>(Inhalable particulate matter) | 5 mg/m <sup>3</sup>                               | ACGIH |

**Personal protective equipment**

|                          |   |   |
|--------------------------|---|---|
| Respiratory protection   | : | No personal respiratory protective equipment normally required. |
| Eye protection           | : | Safety glasses  |
| Skin and body protection | : | Protective suit   |
| Hygiene measures         | : | General industrial hygiene practice.                            |

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|   |   |                                      |
|---|---|--------------------------------------|
| Appearance                              | : | transparent                          |
| Physical state                          | : | liquid                               |
| Color                                   | : | light brown                          |
| Odor                                    | : | slight                               |
| Pour point                              | : | No data available                    |
| Initial boiling point and boiling range | : | No data available                    |
| Flash point                             | : | 280 °C<br>Method: Cleveland open cup |
| Relative vapor density                  | : | No data available                    |
| Density                                 | : | 0.8786 g/cm <sup>3</sup> (15 °C)     |
| Solubility(ies)                         | : |                                      |
| Water solubility                        | : | insoluble                            |
| Viscosity                               | : |                                      |
| Viscosity, kinematic                    | : | 164.6 mm <sup>2</sup> /s (40 °C)     |

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**10. STABILITY AND REACTIVITY**

|                                    |   |   |
|------------------------------------|---|---|
| Reactivity                         | : | No decomposition if stored and applied as directed.                                   |
| Chemical stability                 | : | No decomposition if stored and applied as directed.                                   |
| Possibility of hazardous reactions | : | Stable under recommended storage conditions.<br>No hazards to be specially mentioned. |
| Conditions to avoid                | : | No data available   |
| Incompatible materials             | : | Strong acids and strong bases   |
| Hazardous decomposition products   | : | No hazardous decomposition products are known.  |

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**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Not classified based on available information.

**Skin corrosion/irritation**

Not classified based on available information.

**Serious eye damage/eye irritation**

Not classified based on available information.

**Respiratory or skin sensitization**

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

Not classified based on available information.

**STOT-repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Further information****Product:**

Remarks: No data available

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**12. ECOLOGICAL INFORMATION****Ecotoxicity**

No data available

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**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects****Product:**

Additional ecological information : No data available

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**13. DISPOSAL CONSIDERATIONS****Disposal methods**

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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**14. TRANSPORT INFORMATION****International Regulations****UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

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**15. REGULATORY INFORMATION****Safety, health and environmental regulations/legislation specific for the substance or mixture**

Hazardous Substance Act B.E. 2535 : Not applicable

Emergency Decree on Controlling the Use of Volatile Substances B.E. 2533 : Not applicable

**The ingredients of this product are reported in the following inventories:**

ENCS : Listed

TSCA : Listed

EINECS : Listed

REACH : For further information, please contact

DSL : Listed

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|       |          |
|-------|----------|
| AICS  | : Listed |
| KECI  | : Listed |
| PICCS | : Listed |
| IECSC | : Listed |
| TCSI  | : Listed |
| NZIoC | : Listed |

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## 16. OTHER INFORMATION

### Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Date format : yyyy/mm/dd

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