

**SAFETY DATA SHEET**  
**DAPHNE SUPER GEAR OIL 220**

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**SECTION 1: Identification of the hazardous chemical and of the supplier****Product identifier**

Product name : DAPHNE SUPER GEAR OIL 220

Product code : LN\_017  
32050356

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

Recommended use : Lubricant

Restrictions on use :  
None known.

**Manufacturer or supplier's details**

Company : Idemitsu Lube (Malaysia) Sdn. Bhd.

Address : 21, Lorong Teknologi B, Nouvelle Industrial Park, Taman Sains  
Selangor 1, 47810 Petaling Jaya, Selangor Darul Ehsan,  
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Telephone : +60-3-6157-9529

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**SECTION 2: Hazards identification****Classification of the hazardous chemical**

Not a hazardous substance or mixture.

**Label elements**

Not a hazardous substance or mixture.

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

No information available.

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**SECTION 3: Composition and information of the ingredients of the hazardous chemical**

Substance / Mixture : Mixture

**Hazardous ingredients**

No hazardous ingredients

**No hazardous ingredients**

Chemical name	CAS-No.	Concentration (% w/w)
Mineral oil	-	>= 95
Lubricating oil additive	-	< 2

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

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**SECTION 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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**SECTION 5: Firefighting measures****Extinguishing media****Physicochemical hazards arising from the chemical**

Hazardous combustion products	: No hazardous combustion products are known
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**Special protective equipment and precautions for fire-fighters**

Special protective equipment for fire-fighters	: Wear self-contained breathing apparatus for firefighting if necessary.
Specific extinguishing methods	: Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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**SECTION 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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**SECTION 7: Handling and storage****Handling****Precautions for safe handling**

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.

**Storage****Conditions for safe storage, including any incompatibilities**

Conditions for safe storage	: Electrical installations / working materials must comply with the technological safety standards.
Materials to avoid	: No materials to be especially mentioned.

**SECTION 8: Exposure controls and personal protection****Control parameters**

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

**Individual protection measures, such as personal protective equipment**

Eye/face protection	: Safety glasses
Skin protection	: Protective suit
Respiratory protection	: No personal respiratory protective equipment normally required.
Hygiene measures	: General industrial hygiene practice.

**SECTION 9: Physical and chemical properties**

Appearance	: transparent
Physical state	: liquid
Color	: green
Odor	: slight
Pour point	: -27 °C
Initial boiling point and boiling range	: No data available
Flash point	: 260 °C Method: Cleveland open cup
Relative vapor density	: No data available
Density	: 0.8938 g/cm <sup>3</sup> (15 °C)
Solubility(ies)	
Water solubility	: insoluble
Viscosity	
Viscosity, kinematic	: 232.0 mm <sup>2</sup> /s (40 °C)

**SECTION 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. No hazards to be specially mentioned.

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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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**SECTION 11: Toxicological information**

Information on likely routes of exposure : None known.

**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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**SECTION 12: Ecological information****Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

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

Additional ecological information : No data available

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**SECTION 13: Disposal information****Disposal methods**

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

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**SECTION 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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**SECTION 15: Regulatory information****Safety, health, and environmental regulations specific for the hazardous chemical**

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.

Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000.

**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
AICS	: Listed
KECI	: Listed
PICCS	: Listed
IECSC	: Listed
TCSI	: Listed
NZIoC	: Listed

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**SECTION 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 : dd.mm.yyyy

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