

**SAFETY DATA SHEET****DAPHNE MASTER DRAW 550NR**

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: 2020/07/30  |
| 1.1     | 2022/11/24     | 100000002265 | Date of first issue: 2020/07/30 |

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**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : DAPHNE MASTER DRAW 550NR

Product code : 32191880

**Manufacturer or supplier's details**

Company : Idemitsu Kosan Co., Ltd.

Address : 2-1, Otemachi 1-chome, 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.

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

Short-term (acute) aquatic hazard : Category 3

Long-term (chronic) aquatic hazard : Category 3

**GHS label elements**

Hazard pictograms : None

Signal Word : None

Hazard Statements : H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements : **Prevention:**  
P273 Avoid release to the environment.  
**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

**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) |
|----------------------------|----------|-----------------------|
| 2,6-di-tert-butyl-p-cresol | 128-37-0 | $\geq 0.25$ - $< 1$   |

**No hazardous ingredients**

| Chemical name            | CAS-No. | Concentration (% w/w) |
|--------------------------|---------|-----------------------|
| Synthetic hydrocarbon    | -       | $\geq 80$ - $< 90$    |
| Ester                    | -       | $\geq 10$ - $< 20$    |
| Lubricating oil additive | -       | $< 1$                 |

**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.

**5. FIRE-FIGHTING MEASURES**

- Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

**6. ACCIDENTAL RELEASE MEASURES**

- Environmental precautions : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

## 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 : Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid : No materials to be especially mentioned.

## 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 |
|----------------------------|----------|----------------------------------------|---------------------------------------------------|-------|
| butyl stearate             | 123-95-5 | TWA<br>(Inhalable particulate matter)  | 10 mg/m <sup>3</sup>                              | ACGIH |
|                            |          | TWA<br>(Respirable particulate matter) | 3 mg/m <sup>3</sup>                               | ACGIH |
| 2,6-di-tert-butyl-p-cresol | 128-37-0 | TWA<br>(Inhalable fraction and vapor)  | 2 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

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|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| Appearance                              | : transparent                          |
| Physical state                          | : liquid                               |
| Color                                   | : colorless                            |
| Odor                                    | : slight                               |
| Pour point                              | : 2.5 °C                               |
| Initial boiling point and boiling range | : No data available                    |
| Flash point                             | : 176 °C<br>Method: Cleveland open cup |
| Relative vapor density                  | : No data available                    |
| Density                                 | : 0.8753 g/cm <sup>3</sup> (15 °C)     |
| Solubility(ies)                         |                                        |
| Water solubility                        | : insoluble                            |
| Viscosity                               |                                        |
| Viscosity, kinematic                    | : 484.8 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

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

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

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life with long lasting effects.

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

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.

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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.

## 15. REGULATORY INFORMATION

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

Hazardous Substance Act : Not applicable

Emergency Decree on Controlling the Use of Volatile Substances : 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 Idemitsu. |
| DSL    | : Listed                                            |
| AIIC   | : Listed                                            |
| KECI   | : Listed                                            |
| PICCS  | : Listed                                            |
| IECSC  | : Listed                                            |
| TCSI   | : Listed                                            |
| NZIoC  | : Listed                                            |

## 16. OTHER INFORMATION

### **Full text of other abbreviations**

AIIC - Australian Inventory of Industrial Chemicals; 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; TECl - Thailand Existing Chemicals Inventory; 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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