Safety Data Sheet
According to Regulation (EU) No. 1907/2006, Annex II,
Amended by REGULATION (EU) No 453/2010,
According to Regulation (EU) No. 1272/2008
DIMETHYL BENZYL CARBINOL

1 Identification of the substance and of the company/undertaking

1.1 Product identifier:
Identification on the label/Trade name: DIMETHYL BENZYL CARBINOL
Additional identification: 2-METHYL-2-PHENYL-2-PROpanol
Identification of the product: CAS# 100-86-7; EC# 202-896-0
Index Number: Not available
REACH registration No.: Not available

1.2 Relevant identified uses of the substance and uses advised against:
1.2.1 Identified uses:
Used as fragrance.
1.2.2 Uses advised against:
Not available.

1.3 Details of the supplier of the safety data sheet:
Supplier(Manufacturer): Yinhai (Cangzhou) Aroma Chemical Company Ltd
Address: Chemical Road South, Lingang Chemical Park, Cangzhou 061108, China
Contact person(E-mail): -
Telephone: +86-22-87822222-8001
Fax: +86-22-23925511

1.4 Emergency telephone Number:
Available outside office hours? YES [ ] NO [X]

2 Hazards Identification

2.1 Classification of the substance
2.1.1 Classification:
This substance is not classified in the Annex I of Directive 67/548/EEC as such, but it may be included in one of the group entries.
This substance is not classified in the Annex VI of Directive1272/2008

2.1.2 The most important adverse effects
2.1.2.1 The most important adverse physicochemical effects:
Not applicable.
2.1.2.2 The most important adverse human health effects:
H302- Harmful if swallowed.

2.1.2.3 The most important adverse environmental effects:
Not applicable.

2.2 label elements
Hazard Pictograms:
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Signal Word(S): Warning.
Hazard Statement:
H302: Harmful if swallowed.
H227: Combustible liquid
H316: Causes mild skin irritation

Precautionary Statement:
P210: Keep away from heat/spark/open flames/hot surfaces.- No smoking.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301/312: If swallowed, call a poison center or doctor/physician if you feel unwell.
P330: Rinse mouth.
P332/313: If skin irritation occurs, get medical advice/attention.
P403/235: Store in a well-ventilated place. Keep cool.
P501: Dispose of contents/container to (in accordance with local/regional/national/international regulation).

2.3 Other hazards
Not available

3 Composition/information on ingredients

Substance/Mixture: Substance

Ingredient(s):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Registration No.</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>Concentration</th>
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</thead>
<tbody>
<tr>
<td>DIMETHYL BENZYL CARBINOL</td>
<td>N/A</td>
<td>100-86-7</td>
<td>202-896-0</td>
<td>&gt;98%</td>
</tr>
</tbody>
</table>

4 First aid measures

4.1 Description of first aid measures:
In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:
Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if irritation develops or persists.

4.1.2 In case of skin contact:
Immediately wash skin with soap and copious amounts of water. While removing contaminated clothing and shoes. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation develops and persists, seek medical attention.

4.1.3 In case of eyes contact:
Flush eyes with plenty of water for at least 15 minutes occasionally lifting the upper and lower eyelids. Get medical aid immediately.

4.1.4 In case of ingestion:
Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical effects.

4.2 Most important symptoms and effects, both acute and delayed
Harmful to aquatic life with long lasting effects.

4.3 Indication of any immediate medical attention and special treatment needed
5 Fire-Fighting measures

5.1 Extinguishing media:
Suitable extinguishing media: Use water, dry chemical, chemical foam, or carbon dioxide.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture
These products are carbon oxides (CO, CO2).

5.3 Advice for fire-fighters:
Material should be kept out of eyes and of skin. As in any fire, wear self-contained breathing apparatus pressure-demand. MSHA/NIOSH (approved or equivalent) and full protective gear. Do not release runoff from fire control methods to sewers or waterways.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel:
Provide adequate ventilation. Avoid inhalation of vapour or dust. Avoid skin and eye contact. Wear protective gloves/protective clothing/eyes protection/face protection.

6.1.2 For emergency responders:
Wear an appropriate NIOSH/MSHA approved respirator if mist, vapor or dust is generated.

6.2 Environmental Precautions:
Do not let product enter drains.

6.3 Methods for Containment and Cleaning up:
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections:
See Section 7 for information on safe handling.
See section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

6.5 Additional information:
Wet clean or vacuum up solids.
Don't use a brush or compressed air for cleaning surfaces or clothing.
Clear spills immediately.

7 Handling and storage

7.1 Precautions for safe handling:

7.1.1 Protective measures:
Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Keep container tightly closed.

7.1.2 Advice on general occupational hygiene:
Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.
7.2 Conditions for safe storage, including any incompatibilities:

Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry area. Protect from heat, over heating and light sources.

7.3 Specific end use(s):

Not applicable.

8 Exposure control/personal protection

8.1 Control parameters:

8.1.1 Occupational exposure limits: Not listed
8.1.2 Additional exposure limits under the conditions of use: Not available.
8.1.3 DNEL/DMEL and PNEC-Values: Not available.

8.2 Exposure controls

8.2.1 Appropriate engineering controls:
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear safety glasses and chemical goggles if splashing is possible.
Hand protection: Wear gloves to prevent skin exposure.
Body protection: Wear protective clothing to prevent skin exposure.
Respiratory protection: Avoid breathing dust. In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards: Wear protective clothing to prevent heat.

8.2.3 Environmental exposure controls:

Avoid discharge into the environment. According to local regulations, Federal and official regulations.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Colorless and transparent liquid
Colour: Colorless and transparent
Odour: Lily, rose sweetness odor
Odour threshold: Not available
pH: Not available
Melting point/range (°C): 23-24°C
Boiling point/range (°C): 220°C
Flash point (°C): 83°C
Evaporation rate: Not applicable
Flammability (solid, gas): Not available
Ignition temperature (°C): Not determined
Upper/lower flammability/explosive limits: Not determined
Vapour pressure (20°C): Not determined
Vapour density: Not determined
Relative Density (25°C): 0.971-0.977 g/cm³
Bulk density (kg/m³): Not determined
Water solubility (g/l) at 20°C: Slightly soluble in water.
n-Octanol/Water (log Po/W): Not determined
Auto-ignition temperature: Not determined
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9.2. Other information:
- Decomposition temperature: Not determined
- Viscosity, dynamic (mPa s): Not determined
- Explosive properties: Not determined
- Oxidising properties: Not applicable

10. Stability and reactivity

10.1 Reactivity:
The substance is stable under normal storage and handling conditions.

10.2 Chemical stability:
Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions:
No dangerous reactions known.

10.4 Conditions to avoid:
Incompatible materials.

10.5 Incompatible materials:
Strong oxidizing agents, acids, plastics, coatings.

10.6 Hazardous decomposition products:
Carbon monoxide, carbon dioxide.

11. Toxicological information

11.1 Toxicokinetics, metabolism and distribution
- Non-human toxicological data: Not available
- Method: Not available
- Dosis: Not available
- Routes of administration: Not available
- Results: Not available
- Absorption: Not available
- Distribution: Not available
- Metabolism: Not available
- Excretion: Not available

11.2 Information on toxicological effects
- Acute toxicity:
  - LD50(Oral, Rat): Not available
LD50(Dermal Rabbit): Not available
LC50(Inhalation, Rat): Not available
Skin corrosion/Irritation: H316: Cause mild skin irritation
Serious eye damage/irritation: Not classified
Respiratory or skin sensitization: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
reproductive toxicity: Not classified
STOT- single exposure: Not classified
STOT-repeated exposure: Not classified
Aspiration hazard: Not classified

12 Ecological information

Toxicity
No data available
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: Not available.
Results of PBT&vPvB assessment: Not applicable.
Other adverse effects:

13 Disposal considerations

13.1 Waste treatment methods
Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

13.2 Product / Packaging disposal:
If empty container retains product residues, all label precautions must be observed. Return for reuse or dispose according to national or local regulations.

14 Transport information

<table>
<thead>
<tr>
<th>UN-Number:</th>
<th>Land transport (ADR/RID)</th>
<th>Sea transport (IMDG)</th>
<th>Air transport (ICAO/IATA)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>Not regulated</td>
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<td>UN Proper shipping name:</td>
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<td>Transport hazard Class:</td>
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<tr>
<td>Environmental hazards:</td>
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</tr>
<tr>
<td>Special precautions for user:</td>
<td>See section 2.2</td>
<td>See section 2.2</td>
<td>See section 2.2</td>
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</table>
**Safety Data Sheet**

**According to Regulation (EU) No. 1272/2008**

**DIMETHYL BENZYL CARBINOL**

<table>
<thead>
<tr>
<th>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</th>
<th>Not regulated</th>
<th>Not regulated</th>
<th>Not regulated</th>
</tr>
</thead>
</table>

### 15 Regulation information

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

**Relevant information regarding authorization:** Not applicable.

**Relevant information regarding restriction:** Not applicable.

**Other EU regulations:** Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.

**Other National regulations:** Not applicable

**Chemical Safety Assessment has been carried out?** YES [ ] NO [X]

### 16 Other information

#### 16.1 Indication of changes

Version 1.1 Amended by EU No 453/2010

#### 16.2 Relevant R-phrases (number and full text):

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### 16.3 Training instructions:

Not applicable.

#### 16.4 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

#### 16.5 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.