SAFETY DATA SHEET
Product: BENZYL SALICYLATE
100000000006

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product trade name: Benzyl salicylate, CAS: 118-58-1; REACH REG: 01-2119969442-31-0003
Product number: 10000000006
Other means of identification: Benzyl o-Hydroxybenzoate OR 2-Hydroxybenzoic acid Phenyl methyl ester OR Salicylic Acid Benzyl ester.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product uses: Ingredient for flavours and fragrances

1.3 Details of the supplier

Company name: Eternis Fine Chemicals Ltd.
Company address: 1004, Peninsula Towers, 10th Floor, Peninsula Corporate Park, G.K. Marg, Lower Parel, Mumbai-400013, India
Contact: Salomi Samuel
E-Mail address: sales@eternis.com
Company phone: 91-22-66513400

1.4 Emergency telephone number


Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification accordance with 29 CFR 1910.1200(d)/US-GHS/OSHA:
Acute oral toxicity 5, H303
Skin Senstion 1B, H317
eye irritation 2, H319
Aquatic chronic 3 - H412

Classification accordance with Regulation (EC) No 1272/2008
Skin Senstion 1B, H317
eye irritation 2, H319
Aquatic chronic 3 - H412

2.2 Label elements

Classification accordance with 29 CFR 1910.1200(d)/US-GHS/OSHA:

Hazard pictogram(s): \[ \]
Signal word: Warning

Hazard statements:
303, May be harmful if swallowed
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H412, Harmful to aquatic life with long lasting effect

Precautionary statements:
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash ... thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water/...
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Classification according with Regulation (EC) No 1272/2008

Signal word: Warning
Hazard statements: H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H412, Harmful to aquatic life with long lasting effect

M factor: None
Supplemental Information: None
Precautionary statements:
P250: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash ... thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water/...
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P307+P311: IF exposed: Call a POISON CENTER or doctor/physician.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P362: Take off contaminated clothing.
P405: Store locked up.
P501: Dispose of contents/container to ...

Pictograms: None
Other hazards None

Classification and hazards statements are listed according to the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Section 3. Composition / information on ingredients

3.1 Substances

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Chemical Name</th>
<th>%</th>
<th>GHS-Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>118-58-1</td>
<td>Benzyl 2-Hydroxybenzoate</td>
<td>99 - 100</td>
<td>ATOS, EDI 28, SS1B, E02, E03</td>
</tr>
</tbody>
</table>

Section 4. First-aid measures

4.1 Description of first aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Eye exposure: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist
Skin exposure: Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.

Ingestion: Rinse mouth with water and obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available

Eternis Fine Chemicals Ltd; Tel.: 91-22-66513400
SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture
In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:
In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:
Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:
Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:
Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours.
Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

Section 7. Handling and storage

7.1 Precautions for safe handling:
Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:
Take precautionary measures against static discharge.

7.3 Specific end use(s):
Ingredient for flavours and fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters
Workplace exposure limits: Not Applicable

8.2 Exposure Controls
Eye / Skin Protection
Wear protective gloves/eye protection/face protection

Respiratory Protection
Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Clear colourless liquid
Odour: Mild floral
Odour threshold: Not determined
pH: Not determined
Melting point/freezing point: 18 °C
Initial boiling point and boiling range: 318 °C
Flash point: 176.5 °C
Evaporation rate: Not determined
Flammability (solid, gas): Not determined
Upper/lower flammability or explosive limits: Not determined
Vapour pressure: 0.0104 Pa @ 25°C
Vapour density: Not determined
Relative density: 1.181 g/cm³ @ 20°C
Section 10. Stability and reactivity

10.1 Reactivity:
- Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:
- Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:
- Not expected under normal conditions of use.

10.4 Conditions to avoid:
- Avoid extreme heat.

10.5 Incompatible materials:
- Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:
- Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>Acute Toxicity</th>
<th>Acute Toxicity Oral category-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity Oral</td>
<td>2227mg/kg</td>
</tr>
<tr>
<td>Acute Toxicity Dermal</td>
<td>14150mg/kg</td>
</tr>
<tr>
<td>Acute Toxicity Inhalat</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation:
- Based on available data the classification criteria are not met.

Skin irritation:
- Rabbit: not irritating

Serious eye damage/irritation:
- Eye Irritant - Category 2

Eye irritation:
- Rabbit: irritating

Respiratory or skin sensitisation:
- Skin Sensitiser - Category 1B

Skin sensitisation:
- Local Lymph not sensitising
- sensitising

Germ cell mutagenicity:
- Mutagenicity: Ames test negative

Carcinogenicity:
- Based on available data the classification criteria are not met.

Reproductive toxicity:
- Based on available data the classification criteria are not met.

STOT-single exposure:
- Based on available data the classification criteria are not met.

STOT-repeated exposure:
- Based on available data the classification criteria are not met.

Aspiration hazard:
- No data available

Refer to Section 2 for additional information.

Section 12. Ecological information

12.1 Toxicity
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Product: BENZYL SALICYLATE  
1000000006  
Issue date: 11/07/2017  
Version: 4

Aquatic toxicity: Hazardous to the Aquatic Environment - Long-term Hazard (chronic) Category 3

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Species</th>
<th>EC50 (48 hrs) (static)</th>
<th>LC50 (24 hrs) (static)</th>
<th>NOEC (72 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO</td>
<td>Daphnia magna</td>
<td>1.15 mg/L</td>
<td>4.34 mg/L</td>
<td>0.502 mg/kg</td>
</tr>
</tbody>
</table>
| ECO      | Pseudokirchneriella Subcapitata | 1.29 mg/L | 1.03 mg/L | \n
12.2 Persistence and degradability
Biodegradation: OECD Guideline 301 F 28 day
Readily biodegradable

12.3 Bioaccumulative potential
Partition coefficient n-octanol/water (log Kow):
- Measured: 4.31
- Estimated: 120 - 180

12.4 Mobility in soil
Adsorption coefficient:
Log Koc at 20 °C
Estimated: 3.75

12.5 Results of PBT and vPvB assessment
Not applicable

12.6 Other adverse effects
Not applicable

12.7 Additional information
None available

Section 13. Disposal considerations
Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

<table>
<thead>
<tr>
<th>Informations</th>
<th>U.S. DOT</th>
<th>Canada TDG</th>
<th>ADR/RID</th>
<th>IMDG Code (ocean)</th>
<th>ICAO/IATA (air)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Number</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>UN Proper Shipping Name</td>
<td>Not classified</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Transport hazard class(es)</td>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Packing Group</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>None additional</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Section 15. Regulatory information

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

International Inventories

- Country(s) or region Inventory name On inventory (yes/no)*
  - Australia Australian Inventory of Chemical Substances (AICS) Yes
  - Canada Domestic Substances List (DSL) Yes
  - Canada Non-Domestic Substances List (NDSL) No
  - China Inventory of Existing Chemical Substances in China (IECSC) Yes
  - Europe European Inventory of Existing Commercial Chemical Yes
  - Europe European List of Notified Chemical Substances (ELINCS) No
  - Japan Inventory of Existing and New Chemical Substances (ENCS) Yes
  - Korea Existing Chemicals List (ECL) Yes
  - New Zealand New Zealand Inventory Yes
  - Philippines Philippine Inventory of Chemicals and Chemical Substances Yes
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US. OSHA
Not listed.
SARA 304 Emergency release notification
Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

Section 16. Other information
Last Issue date - 14-Aug-17
Present Issue date - 7-Nov-17
Version - 4

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.