

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: BENZYL SALICYLATE 1000000006

Version: 2

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

1.1 Product Identifier

Product identifier: Benzyl salicylate; CAS: 118-58-1; REACH REG: 01-2119969442-31-0003

Other identifiers: 1000000006 BENZYL SALICYLATE

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

Product uses: Ingredient for flavours and fragrances

Please refer to the Exposure Scenario.

1.3 Details of the supplier of the safety data sheet

Company name: Eternis Fine Chemicals Ltd.

Company address: 1004, Peninsula Towers, 10 th 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

Emergency phone: 011-352-323-3500 (Infotrac Contract No. - 102229)

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Sensitization - Skin Category 1B
Irritation- eye irritation category .2
Hazardous to the Aquatic Environment - Long-term Hazard Category 3
H317, May cause an allergic skin reaction.
H319, Cause serious eye irritation.
H412, Harmful to aquatic life with long lasting effects.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: BENZYL SALICYLATE 1000000006**Version:** 2**2.2 Label elements****Classification under 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 effects.**M factor:** None**Supplemental Information:** None**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/...
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:****Other hazards:**

None

Section 3. Composition / information on ingredients**3.1 Substances****Product identifier:** Benzyl salicylate; CAS: 118-58-1; REACH REG: 01-2119969442-31-0003

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: BENZYL SALICYLATE 1000000006

Version: 2

Section 4. First-aid measures

4.1 Description of first aid measures

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

Causes eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

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.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: BENZYL SALICYLATE 1000000006

Version: 2

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:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. 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. Please refer to the Exposure Scenario.

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.

Also refer to Sections 2 and 7.

Please refer to the Exposure Scenario.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance: Clear colourless liquid
Odour: Mild floral
Odour threshold: Not determined
pH: Not determined

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: BENZYL SALICYLATE 1000000006

Version: 2
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
Solubility(ies): Water Solubility 8.8 mg/l @ 20°C
Partition coefficient: n-octanol/water: 4.0 log POW
Auto-ignition temperature: Not determined
Decomposition temperature: Not determined
Viscosity: 17 mm²/s @ 20°C
Explosive properties: None
Oxidising properties: Not determined
9.2 Other information: None

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

Acute Toxicity: Based on available data the classification criteria are not met.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: BENZYL SALICYLATE 1000000006

Version: 2

Acute Toxicity Oral	LD50 (rat)	2227mg/kg
Acute Toxicity Dermal	LD50 (rabbit)	14150mg/kg
Acute Toxicity Inhalation	Not available	

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 Node Assay sensitising

Germ cell mutagenicity: Based on available data the classification criteria are not met.
Mutagenicity Ames test negative

Carcinogenicity: No data available

Reproductive toxicity: No data available

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

Refer to Section 2 for additional information.

Section 12. Ecological information

12.1 Toxicity

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

EC50 (24 hrs) (static)	Hazardous to the Aquatic Environment - Long-term Hazard Category 3	1.21 mg/L
EC50 (48 hrs) (static)	Daphnia magna	1.16 mg/L
EC50 (72 hrs)	Pseudokirchneriella Subcapitata	1.29 mg/L
LC50 (24 hrs) (static)	Daphnia magna	4.34 mg/L
LC50 (48 hrs) (static)	Daphnia magna	2.25 mg/L
LC50 (96 hrs) (static)	Danio rerio	1.03 mg/L
NOEC (72 hrs)	Pseudokirchneriella Subcapitata	0.502 mg/kg

12.2 Persistence and degradability

Biodegradation: OECD Guideline 301 F Readily biodegradable

12.3 Bioaccumulative potential



SAFETY DATA SHEET

in accordance with REACH Regulation EC No.1907/2006

Product: BENZYL SALICYLATE 1000000006

Version: 2

Partition coefficient n-octanol /water (log Kow):	Calculated	4.31
Bioconcentration factor (BCF):	Estimated	120 - 180

12.4 Mobility in soil

Adsorption coefficient:	Koc at 20 °C	5623
	Log Koc at 20 °C	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

13.1 Waste treatment methods:

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

14.1 UN number:	Not classified
14.2 UN Proper Shipping Name:	Not classified
14.3 Transport hazard class(es):	Not classified
Sub Risk:	Not classified
14.4. Packing Group:	Not classified
14.5 Environmental hazards:	Not environmentally hazardous for transport
14.6 Special precautions for user:	None additional
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC	
Code:	Not classified

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: BENZYL SALICYLATE 1000000006

Version: 2

Section 15. Regulatory information

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

None additional

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has been carried out. Refer to the Annex for further information on Exposure Scenarios

Section 16. Other information

Key to revisions:

Not applicable

Key to abbreviations:

Not applicable

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.