

MATERIAL SAFETY DATA SHEET

Betaine Salicylate

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Supplier: Chanjao Longevity Co., Ltd.
50 Ramindra 14, Bangkok 10230
THAILAND
Phone number : +66 2 002 7 002
Fax number : +66 2 001 7 022

2. HAZARDOUS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazard substance by EC regulation.

2.2 Label elements

Not a hazard substance according to GHS(EC1272/2008).

No label according to EC67/548EEC and1999/45/EC.

Other Hazards

It is not in the list of PBT or vBvP in the annex of EC1907/2006.

2.3 Other hazard

No data

3. COMPOSITION/INFORMATION ON INGREDIENT

Name: Betaine Salicylate
CAS No.: 17671-53-3
Chemical formula: $C_{12}H_{17}NO_5$
Synonym: Betaine Salicylate

4. FIRST AID MEASURES

Eye contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin contact:

In case of contact, immediately flush with plenty of water. Get medical attention.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration.

Ingestion:

Do not induce vomiting unless directed to do so by medical personnel. If large quantities of this material are swallowed, call a physician immediately.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate

foam.

5.2 Special Hazards arising from the substance or mixture

In combustion toxic fumes may form

5.3 Advice for Fire Fighters

Wear protective clothing to prevent contact with skin and eyes.

Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

Use personal protective equipment.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Store at cool and dry place, tightly closed.

Specific end uses

Avoid contact with fire.

8. EXPOSURE CONTROL PERSONAL PROTECTION

Control Parameters:No Data Available

Exposure Controls

General protective and hygiene measures.

Eye / Face Protection :Safety Glasses.

Hand protection: Protective gloves.

Skin protection :Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance: Solid

Appearance White powder

Odor Characteristic

Assay(wt%) > 98

pH(1% Aqua) 2.0-5.0

Residue on Ignition(wt%) < 0.15

Heavy metal(ppm) < 10

10. STABILITY AND REACTIVITY

Reactivity: no unusual reactivity
Stability: The product is stable
Stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: no hazardous reactions known
Conditions to avoid: Exposure to air.
Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapours such as carbon oxides.

11. TOXICOLOGICAL INFORMATION

Primary irritation: No data is available on the product itself.
Mutagenic effects: No data is available on the product itself.
Reproductive toxicity: No data is available on the product itself.
Carcinogenicity: Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65. Other: The toxicological properties have not been fully investigated

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available
BOD5 and COD: Not available
Special remarks on the products of biodegradation: not available

13. DISPOSAL CONSIDERATION

DISPOSE OF ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

14. TRANSPORT INFORMATION

DOT classification: not a DOT controlled material (United States)
Identification: not applicable
Special provisions for transport: not available

15. REGULATORY INFORMATION

UN number
ADR/RID: - IMDG: - IATA: -
UN proper shipping name
ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods
Transport hazard class(es)
ADR/RID: - IMDG: - IATA: -
Packaging group
ADR/RID: - IMDG: - IATA: -
Environmental hazards
ADR/RID: no IMDG Marine pollutant: no IATA: no
Special precautions for user
no data available

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

End of MSDS