

Bisoprolol Fumarate**PA 02 40000****1. PRODUCT IDENTIFICATION**

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1.1 Product Code PA 02 40000**CAS No** 104344-23-2**Product Name** Bisoprolol Fumarate**2. COMPOSITION/INFORMATION ON INGREDIENTS****2.1 Chemical Characterization:** Bisoprolol Fumarate**CAS No** 104344-23-2**3. CHEMICAL GHS HAZARD STATEMENTS****Single Word****Warning**

H302 - Harmful if swallowed

H373 - May cause damage to organs through prolonged or repeated exposure

4. GHS PRECAUTIONARY STATEMENTS

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P314 - Get medical advice/attention if you feel unwell.

5. FIRST-AID MEASURES

5.1 In case of inhalation : Supply fresh air. If not breathing supply artificial respiration. If breathing gets difficult, supply oxygen. Immediately seek medical attention.

In case of contact with skin: Immediately wash skin with copious amounts of water and soap for at least 15 minutes. If irritation persists, seek medical attention.

In case of contact with eyes: Immediately flush eyes with copious amounts of water at least for 15 minutes. Seek medical advice

In case of ingestion: If swallowed, rinse mouth with water, if the person is conscious. Do not induce vomiting. Seek medical advice

5.2 Remove and wash/discard of contaminated clothing immediately.

6. FIRE FIGHTING MEASURES**6.1 Extinguishing media**

Suitable extinguishing media: Water spray, Carbon dioxide, Dry powder.

Unsuitable extinguishing media: Do not use a heavy water stream.

Surrounding fires: Use water spray or fog for cooling exposed containers.

6.2 Protection against fire: Do not enter fire area without proper protective equipment, including respiratory protection.

7. ACCIDENTAL RELEASE MEASURES

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- 7.1 Ensure personal safety, mark out the contaminated area with warning signs and prevent unauthorized access. Turn leaking containers in a way to prevent further leakage. Evacuate area. Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Sweep-up / absorb in the suitable material, placed in a container and hold for disposal. Avoid raising dust.
Ventilate area and collect spilled material.

8. HANDLING AND STORAGE

- 8.1 Storage conditions: Store in a cool, dry and dark place

9. EXPOSURE CONTROL/PERSONAL PROTECTION

- 9.1 Respiratory Protection Required when dusts is generated.
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|--------------------|--|
| Eye Protection | Required |
| Hand Protection | Required |
| Industrial hygiene | Immediately change contaminated clothing. Wash hands and face after working with substance |

10. PHYSICAL AND CHEMICAL PROPERTIES

- 10.1 Appearance Solid
Melting Point NA
Boiling Point NA

11. STABILITY AND REACTIVITY

- 11.1 Stability and reactivity Stable under normal conditions
11.2 Incompatible conditions to be avoided: Oxidizing agents
11.3 Decomposition conditions to be avoided: Heat, Sources of ignition.
11.4 Hazardous decomposition products: Carbon monoxide, Carbon dioxide, Nitrogen oxides
11.5 Hazardous reactions: None under normal conditions
11.6 Hazardous polymerization: Will not occur. Conditions to be avoided

12. ECOLOGICAL INFORMATION

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|--|-------------------|
| 12.1 Ecological effects information | Not Known |
| 12.2 LC50-96 Hour - fish (mg/L) : | No Data available |
| 12.3 EC50-48 Hour-Daphnia magna (mg/L) | No Data available |
| 12.4 IC50-72h-Algae (mg/L) | No Data available |
| 12.5 Biodegradation [%] | No Data available |
| 12.6 Persistence - degradability | No Data available |

13. DISPOSAL CONSIDERATIONS

- 13.1 General : Dispose of this material and its container at hazardous or special waste collection point.
Do not dispose of or mix with household garbage.

Bisoprolol Fumarate**PA 02 40000****14. TRANSPORT INFORMATION**

14.1 Classification : NA

14.2 UN Number : NA

15. REGULATORY INFORMATION

15.1 Symbol (S) : Xn : Harmful

F: Highly flammable

R Phrase(s) : R11 : Highly flammable.

R20/21/22 : Harmful by inhalation, in contact with skin or if swallowed.

R36 : Irritating to eyes

S Phrase(s) : S1/2 : Keep locked up and out of reach of children.

S16 : Keep away from sources of ignition - No Smoking.

S36/37 : Wear suitable protective clothing and gloves. Do not breathe dust.

16. OTHER INFORMATION

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