

SAFETY DATA SHEETS

This SDS packet was issued with item:

078949262

N/A

MATERIAL SAFETY DATA SHEET	
Company Name	AUROBINDO PHARMA LIMITED
Address	Plot No.: 2, Maitrivihar, Ameerpet, Hyderabad, Andhra Pradesh – 500 038, INDIA.
1. PRODUCT AND COMPANY IDENTIFICATION	
Trade Name	METOPROLOL TARTRATE
Manufacturer / Supplier	Aurobindo Pharma Limited Unit-I, Survey No. 388 & 389 Borpatla village, Hatnoora mandal Medak District, PIN: 502 296 Andhra Pradesh, INDIA.
2. COMPOSITION – INFORMATION ON INGREDIENTS	
Usual Chemical Name	<i>Bis[(2RS)-1-[4-(2-methoxyethyl)phenoxy]-3-[(1-methylethyl)amino]propan-2-ol] (2R,3R)-2,3-dihydroxybutanedioate.</i>
CAS Number	CAS: 56392-17-7
Synonyms	Metoprolol Tartrate
3. IDENTIFICATION OF HAZARDS	
Harmful if swallowed. May be harmful if inhaled or absorbed through the skin. The toxicological properties have not been thoroughly investigated. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	
4. FIRST – AID MEASURES	
Inhalation	Remove to fresh air. If breathing becomes difficult, call a physician.
Skin Contact	Call a physician. Flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes.
Eye Contact	Call a physician. Assure adequate flushing by separating the eyelids with fingers. Flush with copious amounts of water for at least 15 minutes.
Ingestion	Call a physician. Wash out mouth with water provided person is conscious.
5. FIRE FIGHTING MEASURES	
Fire and Explosion Hazards	Water spray. Carbon dioxide, dry chemical powder or appropriate foam.
Extinguishing Media	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
6. ACCIDENTAL RELEASE MEASURES	
Spills and Leakage	Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pick up is complete.
7. HANDLING AND STORAGE	
Handling	Approved respirator. Compatible chemical-resistant gloves. Chemical safety goggles. Mechanical exhaust required.
Storage	Store in a well-closed container, at controlled room temperature.

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8. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	White, crystalline powder or colourless crystals.
Form	It shows polymorphism.
Solubility	Very soluble in water, Slightly soluble alcohol.
Melting point / range	120-123°C
9. STABILITY AND REACTIVITY	
Stability	Strong acids and bases. Oxidising agents.
10. TOXICOLOGICAL INFORMATION	
Toxicity to animals	LD50 (oral-rat): 5500 mg/kg.
11. ECOLOGICAL INFORMATION	
Summary	17% (DOC). Not readily degradable. LC50 (Fish: zebra fish, 96h): 54 mg/l, EC50 (Bacteria toxicity: activated sludge, 3h): > 320 mg/l. Avoid release into soil, rivers or drains.
12. DISPOSAL CONSIDERATIONS	
Disposal and Regulatory	Incinerate in an approved facility.
13. TRANSPORT INFORMATION	
Transport Information	Not Restricted.
14. REGULATORY INFORMATION	
Federal and state regulations	No products were found
Other regulations	EINECS No : 260-148-9 Xn, R22, R52/53, S22, S45, S61.