

EAST COAST ORGANICS PRIVATE LIMITED

Regd. Office & Factory : 237/2, Vellivoyal Chavadi,
Chennai – 600 103.

MATERIAL SAFETY DATA SHEET

MONOSULFIRAM - IP

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : Monosulfiram - IP
Indian Pharmacopeia Commission
This is Bulk Drug / Anti scabies
Company Identification: 237/2, Vellivoyal Chavadi
Chennai-103
Tamilnadu
Office Telephone No: 904-333-9509.

2. COMPOSITION / INFORMATION OF INGREDIENTS

Chemical description: Tetra Ethylthiuram Monosulphide

CAS NO.	EINECS NO.	CHEMICAL NAME	WT%
95 – 05 – 06	202-387-3	Tetra Ethylthiuram Monosulphide	98-101

3. HAZARD IDENTIFICATION

HUMAN HEALTH HAZARDS : Non Hazardous bulk drug

4. FIRST AID MEASURES

INHALATION: Supply fresh air and call a doctor. In case of unconsciousness place patient in recovery position for transport
SKIN CONTACT: Immediately wash with water and soap and rinse thoroughly
EYE CONTACT: Rinse opened eye for several minutes under running water.
INGESTION: Rinse mouth. Do not induce vomiting.
Call for a doctor immediately.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam
Special hazards arising from the substance or mixture: Formation of toxic gases is possible during heating or in case of fire
Advice for firefighters- Protective equipment: Wear self-contained respiratory protective device

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Avoid formation of dust
Environmental precautions:	Do not allow to enter sewers/ surface or ground water
Methods and material for containment and cleaning up:	Dispose of contaminated material as waste according to national regulations

7. HANDLING AND STORAGE

Precautions for safe handling:	Store in cool, dry place in tightly closed receptacles Please refer to the manufacturer's certificate for specific storage and transport temperature conditions. Store only in the original receptacle.
Conditions for safe storage, including any incompatibilities & Storage:	Keep container in a well-ventilated place. Keep away from sources of ignition and heat.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Personal protective equipment	Keep away from foodstuffs, beverages and feed.
General protective and hygienic measures:	Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work.
Respiratory protection:	In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
Protection of hands:	Protective gloves, The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the Degradation
Eye protection:	Safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	A yellow or yellowish Brown liquid
Form:	Liquid
Colour:	Yellowish brown Liquid
Odour:	Sulphurous Odour
pH-value:	Not applicable
Freezing point/Freezing range:	28.5-32.0°C
Flash Point:	Not Applicable (As Monosulfiram Contain water up to 1% w/w).
Boiling point/Boiling range:	Not determined
Molecular Formula:	C ₁₀ H ₂₀ N ₂ S ₃
Molecular Weight:	264.5
Purity	98-101 %

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10. STABILIT AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable under normal conditions
Thermal decomposition / conditions to be avoided:	Formation of toxic gases is possible during heating or in case of fire
Possibility of hazardous reactions	No dangerous reactions known
Conditions to avoid	Heat.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	Formation of toxic gases is possible during heating or in case of fire.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	
LD 50 (Intraperitoneal)	750 mg/kg (mouse)
Primary irritant effect: on the skin:	No irritating effect.
Sensitization:	Sensitization possible through skin contact.

12. ECOLOGICAL INFORMATION

Aquatic toxicity:	No further relevant information available.
Persistence and degradability:	No further relevant information available.
Bioaccumulative potential:	No further relevant information available.
Mobility in soil:	No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods	
Recommendation:	Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
European waste catalogue	Waste disposal key numbers from EWC have to be assigned depending on origin and processing.
Uncleaned packaging:	
Recommendation:	Dispose of in accordance with national regulations.

14. TRANSPORT INFORMATION

UN-Number	
ADR, ADN, IMDG, IATA	Not applicable
ADR, ADN, IMDG, IATA	Not applicable
Transport hazard class(es)	
ADR, ADN, IMDG, IATA Packing group	Class
· ADR, IMDG, IATA	Not applicable
· ADR, IMDG, IATA	Not applicable
Environmental hazards:	No
· Marine pollutant :	

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15. REGULATOR INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture Philippines Inventory of Chemicals and Chemical Substances	Substance is not listed.
Australian Inventory of Chemical Substances	Substance is listed.
Standard for the Uniform Scheduling of Medicines and Poisons	Substance is not listed.
Chemical safety assessment:	A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

The information in this safety data sheet (SDS) has been prepared with due care and is true and accurate to the best of our knowledge. The user must determine the suitability of the information for its particular purpose, ensure compliance with existing laws and regulations, and be aware that other or additional safety or performance considerations may arise when using, handling and/ or storing the material. The information in this SDS does not purport to be all inclusive or a guarantee as to the properties of the material supplied, and should be used only as a guide. LGC makes no warranties or representations as to the accuracy and completeness of the information contained herein, shall not be held responsible for the suitability of this information for the user's intended purposes or the consequences of such use, and shall not be liable for any damage or loss, howsoever arising, direct or otherwise.