



Adm. Office : Parvati Industrial Estate,
Unit No. 207 , 2nd Floor, New Sun Mill Compound,
Lower Parel, Mumbai - 400 013.
Tel. : 91-22-6774 5555
Fax : 91-22-6666 2932
E-Mail : eurasian@vsnl.com
eurochemical@vsnl.net
Website : www.euroasiachem.com
www.euroasiarnd.com

**EURO ASIAN
CHEMICALS
PRIVATE LTD.**

Regd. Office : 16, Banu Mansion,
Nadirsha Sukhia Street, 2nd Floor,
Fort, Mumbai - 400 001. INDIA

MATERIAL SAFETY DATA SHEET

1. CHEMICAL INDENTIFICATION

PRODUCT NAME:- MERCAPTOPURINE

2. COMPOSITION/INFORMATION ON INGREDIENTS

| | |
|-------------------|---------------|
| C. A. S. NO | 50-44-2 |
| MOLECULAR FORMULA | $C_5H_4N_4S$ |
| FORMULA WEIGHT | 152.177 g/mol |

3. LABEL PRECAUTIONARY STATEMENTS:

4. FIRST-AID MEASURES

In case of inhalation:

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

In case of contact with skin:

Immediately wash skin with soap and copious amounts of water 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 for at least 15 minutes. Seek medical advice.

In case of ingestion:

If swallowed, wash out mouth with water, provided person is conscious. Seek medical advice.

Remove and wash/discard of contaminated clothing promptly.

5. FIRE FIGHTING MEASURES

Extinguishing Media:

Carbon dioxide, dry chemical powder or appropriate foam. Water spray.

Unusual fire and explosion hazards:

Emits toxic fumes under fire conditions

Special fire fighting procedures:

Wear self-contained breathing apparatus and protective clothing to prevent contact with the skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Ensuring personal safety, mark out contaminated area with signs and prevent unauthorised access. Turn leaking containers up to prevent further Evacuate area. Wear self-contained breathing apparatus, rubber boots & heavy rubber gloves. Sweep-up/absorb in suitable material, place in a container and hold for disposal. Avoid raising dust. Ventilate area and wash spill site after pick-up complete.

7. HANDLING AND STORAGE

Store under the following conditions: Store cool, dry and dark.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory protection:

required when dusts are generated.

Eye protection:

required.

Hand protection:

required.

Industrial hygiene:

Immediately change contaminated clothing. Wash hands and face after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------|----------------------------------|
| APPEARANCE | YELLOWISH-GREENISH SOLID. |
| ODOUR | - |
| MELTING POINT | - |
| SOLUBILITY | - |

10. STABILITY AND REACTIVITY

Conditions to be avoided:

Unknown

Substances to be avoided:

Unknown

Hazardous decomposition products:

Unknown

11. TOXICOLOGICAL INFORMATION

ECOLOGICAL INFORMATION

Do not allow product to enter drinking water supplies, waste water or soil!

ECOLOGICAL INFORMATION

Do not allow product to enter drinking water supplies, waste water or soil!

12. DISPOSAL CONSIDERATIONS

Dissolve or mix material with a suitable combustible solvent and incinerate in a chemical incinerator equipped with an afterburner and scrubber.

Material should be disposed of in keeping with all local and national legislation. Packaging should be disposed of in keeping with all local and national legislation. Handle contaminated containers as product.

13. PERSONAL PROTECTION

Respiratory protection:

required when dusts are generated.

Eye protection:

required.

Hand protection:

required.

Industrial hygiene:

Immediately change contaminated clothing. Wash hands and face after working with

14. TRANSPORT INFORMATION

Classification:

UN Number:

15. REGULATORY INFORMATION

16. OTHER INFORMATION

While the information herein is believed to be reliable, it is furnished without warranty of any kind. It shall be used only as a guide. We assume no liabilities from the use of this product or information contained herein.

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