



HYTREAT 1200 MICROBIOCIDES

SAFETY DATA SHEET

1. IDENTIFICATION

Last Revised Date : 1.11.2024

Next Revised Date : 1.11.2029

PRODUCT NAME: HYTREAT 1200

SUPPLIER: Hydrocure Pte Ltd
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition	Cas No.	Contents
5-chloro-2-Methyl-4-Isothiazolin	26172-55-4	2.0-2.8 %
2-Methyl-4-Isothiazolin	2682-20-4	2.0- 2.8 %
Non hazardous ingredients		to 100%

GHS Label: Pictograms



Signal word: DANGER

3. HEALTH HAZARD DATA

INHALATION

Vapor is irritating to the respiratory tract, causing stinging sensations in the nose and throat, discharge from the nose, possible bleeding from the nose coughing, chest discomfort and tightness, difficulty with breathing, and headache.

SWALLOWING

Moderately toxic. May cause moderate to marked irritation or chemical burns of the mouth, throat esophagus, and stomach, with discomfort or pain in the mouth, throat, chest, esophagus, and abdomen, nausea, vomiting, diarrhea, dizziness, faintness, drowsiness, weakness, thirst, circulatory collapse, and coma.

SKIN ABSORPTION

Prolonged or widespread contact may result in the absorption of potentially harmful amounts of material.

SKIN CONTACT

Brief contact will cause itching with mild to moderate local redness and possibly swelling. Prolonged contact may result in pain, severe redness and swelling, with ulceration, tissue destruction, and possibly bleeding into the inflamed area.

EYE CONTACT

Liquid will cause a severe and persistent conjunctivitis, seen as excess redness and marked swelling of the conjunctiva with profuse discharge. Severe corneal injury may develop, which could permanently impair vision if prompt first aid and medical treatment are not obtained. Vapor will cause stinging sensations in the eye with excess tear production, blinking, and possibly a slight excess redness of the conjunctiva.

4. FIRST-AID MEASURES

INHALATION

Remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult, obtain medical attention immediately.

SWALLOWING

DO NOT INDUCE VOMITING. Do not give anything to drink. Obtain medical attention immediately.

SKIN

Immediately remove contaminated clothing and shoes. Wash skin with soap and water. Obtain medical attention.

EYES

Immediately flush eyes with water and continue washing for at least 15 minute. Obtain medical attention immediately.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

This material is not flammable. Use extinguishing media appropriate for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES

Use water to keep fire exposed containers cool and disperse vapors.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not let washing down water contaminate ponds or waterways. Dispose in accordance with Local Authority Regulations.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Keep in cool, dry, ventilated storage and closed containers. Avoid extremes of temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION

General room ventilation is expected to be satisfactory where this product is stored and handled in closed equipment.

RESPIRATORY PROTECTION

In case of insufficient ventilation: wear suitable respiratory equipment.

HAND PROTECTION

Protective Gloves made of rubber, Nitrile (NBR), Butyl or polyethylene.

EYE PROTECTION

Avoid contact with eyes.

SKIN PROTECTION

Wear suitable protection clothing. Avoid prolonged or repeated contact with skin.

OTHER PROTECTIVE EQUIPMENT

Chemical apron, eye bath, safety shower, rubber boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear , light green liquid.
SOLUBILITY DESCRIPTION:	Soluble in water.
SPECIFIC GRAVITY AT 25C:	1.06 +/- 0.02
1% PH VALUE:	3.0 to 5.0

10. STABILITY AND REACTIVITY

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	Avoid excessive heat for prolonged periods of time.

11. TOXICOLOGICAL INFORMATION

HEALTH WARNINGS:

Causes irreversible eye damage.

Causes skin burns.

May be fatal if swallowing or absorbed through the skin.

Harmful if inhaled.

May cause skin sensitization.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: Do not release into surface waters.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of in accordance with Local Authority Requirements.

14. TRANSPORT INFORMATION

Not regulated for transport.

15. REGULATORY INFORMATION

RISK PHRASES: Not classified

SAFETY PHRASES: S-36/37/39
S-45

Labelling corrosive

16. OTHER INFORMATION

Please consult Hydrocure Pte Ltd if further information is needed.

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