



MATERIAL SAFETY DATA SHEET

Manufacturer/information service:

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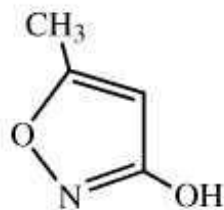
1. Chemical Product Identification

Product Name: Hymexazol TC

Molecular Formula: C₄H₅NO₂

Molecular Weight: 99.15

Structural Formula:



Chemical Name:

3-hydroxy-5-methylisoxazole; 5-methyl isoxazol-3-ol

Form: solid

Colour: colorless

Odour: slight odor

CAS No.: 10004-44-1

UN No.: 2588

2. Composition / Information On Ingredients

Composition	CAS No.	Content %
Hymexazol	10004-44-1	97.0
Others ingredients		3.0



3. Hazards Identification

Component	Symbol	R phrases
Hymexazol	Xn; Xi	R22-41,50,53

4. First Aid Measures

Skin: Remove contaminated clothes. Rinse and then wash skin with plenty of water immediately.

Eyes: Rinse with plenty of water for several minutes (remove contact lenses if easily possible) immediately.

Ingestion: If swallowed induce vomiting by tickling the back of throat. Be quiet and call a physician

Notes to physician: No specific antidote if ingested. Treat symptomatically.

5. Fire-Fighting Measures

Extinguishing media

To be used: Powder, foam, and sand.

Don't use: Not applicable

Particular risk: None

Measures of personal protection: Safety glasses or goggles, rubber gloves, shoes plus socks, long-sleeved shirt, and long pants.

6. Accidental Release Measures

Personal cautions: Safety glasses or goggles, rubber gloves, shoes plus socks, long-sleeved shirt, and long pants.

Cleaning methods

EX: The empty container may be decontaminated by rinsing two or three times with water and detergent and scrubbing the sides.

Environmental cautions

EX: Prevent the contamination of the floor and the beds of water

7. Handling And Storage

Handling: Do not apply to humans, their clothing, or bedding. Do not contaminate food or



use on household tanks.

Storage: Store at normal temperatures, away from children, domestic animals, food and feed products, seed and fertilizer. Do not contaminate other stored products or the storage area by handling or storage of this product. Keep in a well-ventilated room.

8. Exposure Controls / Personal Protection

Personal protective equipment

Respiratory protection: Approved respirator

Protective gloves: Rubber gloves

Eye protection: Safety goggles or face shield.

Industrial hygiene: adequate ventilation.

9. Physical And Chemical Properties

Form: crystals

Color: colorless

Odor: slight special odor

Melting point: 87°C.

Density: 0.551;

Water solubility: 58.2g/L (pH 3, 20°C)

Other solubility: In methanol 968, acetone 730, ethyl acetate 437, hexane 12.2, toluene 176, dichloromethane 602 (all in mg/l, 20°C).

PH value:6-9;

Flash point: non-inflammable;

10. Stability And Reactivity

Stability: stable under alkaline conditions, and relatively stable under acidic conditions.

Stable to light and heat.

Incompatibility(Materials to Avoid):None known

Hazardous polymerization :polymerization will not occur

Hazardous reaction: Not applicable

11. Toxicological Information

Acute oral LD50 for rats is 1600 mg/kg.



Acute dermal LD50 for rabbits is >2000 mg/kg.

Acute inhalation toxicity LC50 (4 h) for rats is >0.65 mg/L.

Skin irritation: Slightly irritating to skin (rabbits).

Eye irritation: Severe corneal opacity with hyperaemic blood vessels.

Skin sensitization for guinea pig: Sensitising (Magnusson & Kligman method).

12. Ecological And Ecotoxicological Information

Effect on birds: Acute oral LD50 for Japanese quail is >1085 mg/kg.

Effect on fish: Acute LC50 (96 h) for Rainbow trout is 100 mg/l. Effects on aquatic invertebrates: Acute EC50 (48 h) for Daphnia magna is 28mg/l.

Effects on algae: Acute 72 hour EC50 for Pseudokirchneriella subcapitata is 36 mg/l.

Effects on bees: contact acute 48 hour LD50 is >100 µg/bee, oral acute 48 hour LD50 is >100 µg/bee.

Effects on earthworms: Acute 14 day LC50 is 281.9 mg/kg.

13. Disposal Considerations

Material which can not be used at the site should be disposed of in an approved waste disposal facility following all applicable Local regulations. If burned, stay out of smoke. Do not contaminate water supplies by disposal of wastes or containers.

14. Transport Information

Class: 6.1

UN No.: 2588;

15. Regulatory Information

Symbol: Xn;Xi

R phrases: R22-41,50,53

16. Other Information

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case of new formulations or mixes, it is necessary to



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ascertain that a new danger will not appear. It is the responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.