

Kent Lugol's solution

Material Safety Data Sheet

1. Product And Company Identification

Supplier

Central Garden and Pet

5401 West Oakwood Park Drive

Franklin, WI 53132 United States

Company Contact: Customer Service

Telephone Number: 1-800-255-4527

FAX Number: 1-414-421-4195

E-Mail: Customerservice@central.com

Supplier Emergency Contacts & Phone Number

None Given

Manufacturer

Central Garden and Pet

5401 West Oakwood Park Drive

Franklin, WI 53132 United States

Company Contact: Customer Service

Telephone Number: 1-800-255-4527

FAX Number: 1-414-421-4195

E-Mail: Customerservice@central.com

Manufacturer Emergency Contacts & Phone Number

None Given

Issue Date: 12/28/2006

Product Name: Kent Lugol's solution

CAS Number: Not Established

MSDS Number: 66

Product/Material Uses

This product is an iodine supplement for marine or freshwater aquaria.

2. Composition/Information On Ingredients

Ingredient Name - (CAS Number) - %

IODINE (7553-56-2) < 5

POTASSIUM IODIDE (7681-11-0) < 10

WATER (Not Established) [Balance]

No Data Available...

3. Hazards Identification

Eye Hazards

May cause eye irritation with possible redness and pain.

Skin Hazards

May cause mild irritation and reddening on prolonged contact. Prolonged or repeat exposure may cause severe, slow healing burns.

Ingestion Hazards

May cause gastrointestinal upset if large doses are ingested.

Inhalation Hazards

Not likely. If inhaled as a mist, may be fatal due to irritation, and spasm of the larynx and bronchi, chemical pneumonitis.

Chronic/Carcinogenicity Effects

May produce "iodism" which may be manifested by skin rash, running nose, headache, and irritation of mucous membranes. Weakness, anemia, loss of weight, pulmonary edema, and general depression may also occur.

4. First Aid Measures

Eye

Wash thoroughly with running water. Get medical advice if irritation develops.

Skin

Wash exposed area with dilute sodium thiosulfate (hypo) or bisulfate and water. Get medical advice if irritation develops.

Ingestion

If patient swallowed large quantities and is conscious, give milk, egg whites or vegetable oil. DO NOT INDUCE VOMITING. Call a Physician.

Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration.

5. Fire Fighting Measures

Flash Point: None °F

Flash Point Method: Not combustible

Flammability Class: Not combustible

Fire And Explosion Hazards

Not applicable.

Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire.

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

Iodine vapor will be liberated during a fire.

6. Accidental Release Measures

Mop up and containerize as much as possible.

Clean up area with water and flush into drain

7. Handling And Storage

Handling And Storage Precautions

No special precautions required.

Handling Precautions

No special handling required.

Storage Precautions

Store in a cool (<100F), well ventilated area away from direct sunlight.

8. Exposure Controls/Personal Protection

Eye/Face Protection

Wear clean, dry rubber gloves, Clean, body covering protective clothing and approved eye protection.

An eye wash station and safety shower should be readily available.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

None normally required.

9. Physical And Chemical Properties

Appearance

Blood red liquid

Odor

None

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 212 °F

Specific Gravity: 1

Solubility: N/A

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability)

None known.

Incompatible Materials

Diazonium salts, diisopropyl peroxydicarbonate, oxidants, chlorine & bromine trifluorides, fluorine perchlorate, strong reducing agents, ammonia, acetylene

Hazardous Decomposition Products

Oxides potassium and halogen, possibly free or ionic halogen.

Conditions To Avoid (Polymerization)

Will not occur

11. Toxicological Information

Eye Effects

Can be irritating with possible redness and pain.

Skin Effects

May cause mild irritation and reddening on prolonged contact.

Acute Oral Effects

May cause gastrointestinal upset if large doses are ingested.

Acute Inhalation Effects

Not likely. If inhaled as a mist, may cause irritation.

Chronic/Carcinogenicity

May cause "iodism" which may be manifested by skin rash, running nose, headache, and irritation of mucous membranes. Weakness, anemia, loss of weight, and general depression may occur.

12. Ecological Information

No Data Available...

13. Disposal Considerations

Add water, dilute, and flush to sewer. Follow Federal, state, and local regulations.

14. Transport Information

No Data Available...

15. Regulatory Information

SARA Hazard Classes

Acute Health Hazard

16. Other Information

NFPA Rating

Health: 1

Fire: 0

Reactivity: 0

HMIS Rating

Health: 1

Fire: 0

Reactivity: 0

Revision/Preparer Information

MSDS Preparer: Andrew S. Hudson

MSDS Preparer Phone Number: (414) 304-3512

This MSDS Supersedes A Previous MSDS Dated: 02/27/2002

Reference Documentation

Deepwater MSDS

Spectrum MSDS

Deepwater MSDS
Kent MSDS

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Central Garden and Pet