

**MATERIAL SAFETY DATA SHEET****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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PRODUCT NAME: CLEAN FRONT IODINE RING
PRODUCT NUMBER: 1897
PREPARED BY: GRA/DOLLIE HOWSER
DATE PREPARED: 5/17/01
SYNONYMS:

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	OSHA PEL	ACGIH TLV	Weight %
Iodine	7553-56-2	0.1 ppm		1-4
SILICA, AMORPHOUS	7631-86-9		2mg/M3 FOR RESPIRAB	1-2

3. HAZARDOUS IDENTIFICATION**EMERGENCY OVERVIEW**

N/A

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Can cause severe eye irritation

INHALATION: No hazard in normal industrial use.

INGESTION: Harmful if swallowed.

SKIN CONTACT: Prolonged exposure may cause skin irritation.

SIGNS AND SYMPTOMS OF EXPOSURE

Prolonged absorption may produce "iodism" which is manifested by skin rash, running nose, headache and irritation of mucous membranes.

4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

INHALATION: Remove to fresh air. If irritation occurs, get medical attention.

INGESTION: Do not induce vomiting. Give victim large amounts of milk or water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

SKIN CONTACT: Wash affected area with plenty of water. If irritation persists, get medical attention.

AGGRAVATED MEDICAL CONDITIONS

N/A

SUPPLEMENTAL HEALTH INFORMATION**5. FIRE FIGHTING MEASURES****FLAMMABLE PROPERTIES**

FLASH POINT: Non-flam **FLASH POINT METHOD USED:** N/A

AUTOIGNITION: **FLAMMABLE LIMITS LEL:** 0.00% **UEL:** 0.00%

EXTINGUISHING MEDIA

Water spray, carbon dioxide, dry chemical.

SPECIAL FIRE-FIGHTING PROCEDURES:

Use self contained breathing apparatus

UNUSUAL FIRE AND EXPLOSION HAZARDS:

May emit toxic fumes of iodine and carbon monoxide.

COMBUSTION PRODUCTS:

N/A

6. ACCIDENTAL RELEASE MEASURES**STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED**

Sweep up and put in suitable container for disposal. Wash contaminated areas with soap and water. Iodine on contaminated surfaces can be neutralized with sodium thiosulfate or sodium sulfite. Dispose of at an approved treatment, storage or disposal facility in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Do not store product above 100 deg. F for extended periods of time.

OTHER PRECAUTIONS:

THOROUGHLY RINSE ALL MEASURING DEVICES AND STORE OUT OF REACH OF CHILDREN. Keep container tightly closed when not in use. Avoid contamination of food or feed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**PERSONAL PROTECTIVE EQUIPMENT****RESPIRATORY PROTECTION (Specify Type)**

Not required at room temperature and while handling tablets.

VENTILATION:

Use only with adequate ventilation.

PROTECTIVE GLOVES:

Not necessary while handling tablets. Gloves should be used while handling unwrapped tablets to prevent staining of skin.

EYE PROTECTION:

Not necessary while handling tablets.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

N/A

WORK/HYGIENIC PRACTICES:

Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

ENGINEERING CONTROLS:

N/A

EXPOSURE GUIDELINES

N/A

9. PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE AND ODOR:**

Granular iodine material encased in a polyester mesh bag attached to a 4 inch plastic ring. Odorless.

SOLUBILITY IN WATER:

Slowly Soluble

BOILING POINT: N/A

VAPOR PRESSURE: N/A

SPECIFIC GRAVITY: 1.5

MELTING POINT: N/A

FREEZING POINT: N/A

EVAPORATION RATE: N/A

VAPOR DENSITY: N/A

PERCENT VOLATILE: <15

PH: N/A

MOLECULAR WEIGHT: N/A

POUNDS PER GALLON: N/A

OTHER PROPERTIES:

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID:

N/A

INCOMPATIBILITY:

Reducing agents

HAZARDOUS DECOMPOSITION OR BY PRODUCTS

None

HAZARDOUS POLYMERIZATION Will Not Occur

CONDITIONS TO AVOID:

N/A

11. TOXICOLOGICAL INFORMATION

N/A

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

Follow all federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT CLASS: Not a hazardous material

HAZARD CLASS: N/A

UN NUMBER: N/A

PACKING GROUP: N/A

GUIDE NUMBER: N/A

PROPER SHIPPING NAME: Compound, cleaning powder

15. REGULATORY INFORMATION

No information available.

16. OTHER INFORMATION

NFPA RATING: FIRE: 0 TOXICITY: 1 REACTIVITY: 0 SPECIAL:

OTHER ADDITIONAL INFORMATION:

No information available at this time.

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