

OSHA GHS
SAFETY DATA SHEETS

1. IDENTIFICATION

Product Identifier: Chloroscent

Recommended use of the chemical restrictions on use: Dissolvable urinal screen

Manufactured for: Hospeco

Address: 26301 Curtiss Wright Parkway
Richmond Heights, OH 44143

Telephone Number: 800-321-9832

Emergency Phone: 1-800-225-3924 (Chem-Tel Inc)

2. HAZARD(S) IDENTIFICATION

Classification:

Physical	Health
Not Hazardous	Eye Irritation Category 2A Skin Irritation Category 2

Label Elements:



WARNING:

Causes skin irritation.

Causes serious eye irritation.

Wash hands thoroughly after handling.

Wear protective gloves and eye protection.

If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, seek medical attention.

If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Percentage
Non-Hazardous Ingredients	Mixture	80-90%
1-chloro5, 5 dimethylhydantoin	6921-17-1	10-20%

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Eye: Immediately flush with water for at least 15 minutes while holding eyelids open. Remove contact lenses if present and easy to do after the first 5 minutes, continue flushing. Obtain medical attention if irritation persists.

Skin: Rinse thoroughly with water for several minutes. Get medical attention if irritation persists. Remove and launder contaminated clothing before reuse.

Inhalation: If irritation or other symptoms occur, move to fresh air. Get medical attention if irritation or symptoms persist.

Ingestion: Call a Poison Center or doctor immediately. If the victim is conscious and alert, have them, rinse their mouth with water and drink one glass of water. Do not induce vomiting. Get immediate medical attention.

Most important symptoms/effects, acute and delayed: Direct contact may cause irritation to the eyes and skin. Inhalation of dust may cause irritation of the respiratory system. Swallowing may cause mouth, throat and gastrointestinal irritation and other adverse effects.

Indication of immediate medical attention and special treatment if necessary: Immediate medical attention is not normally required unless tablet is swallowed.

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Use any media that is suitable for the surrounding fire.

Specific hazards arising from the chemical: This product is not flammable or combustible, however, thermal decomposition can yield carbon monoxide, carbon dioxide, hydrogen chloride, chlorine and oxides of nitrogen.

Special protective equipment and precautions for fire-fighters: Fight as any normal fire using SCBA and full protective clothing where exposed to smoke.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear suitable protective clothing (See Section 8).

Environmental precautions: Avoid direct release into the environment. Report spills and releases as required to appropriate authorities.

Methods and materials for containment and cleaning up: Pick-up solid tablets for reuse or disposal. If dust is generated, collect with methods such as careful sweeping or wet wiping, that minimizes the generation of airborne dust. If permitted, small amounts of broken tablets may be flushed to sewer and water.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid creating and breathing dust. Avoid contact with eyes, skin and clothing.

Conditions for safe storage, including incompatibilities: Store in a cool, dry place. Avoid heat and direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

1-chloro5, 5 dimethylhydantoin	None Established
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Appropriate engineering controls: No special ventilation required for normal handling and use.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: None required for normal handling and use. If handling generates dust and engineering controls are not available to control the exposures, appropriate respiratory protection may be required. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice

Skin Protection: Rubber gloves recommended where needed to avoid contact.

Eye Protection: None required for normal handling and use. Follow facility requirements. If dust is generated in handling, wear safety goggles.

Other: None normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance(physical state, color, etc.): White tablets with color specs

Odor: Slight pungent odor

Odor Threshold: Not determined	pH: Not applicable
Melting point/freezing point: Not determined	Initial boiling point/range: Not applicable
Flash Point: Not applicable	Evaporative rate: not applicable
Flammability (solid, gas): Not flammable or combustible	
Flammability limits: LEL: Not applicable	UEL: Not applicable
Vapor Pressure: Not applicable	Vapor density: Not applicable
Relative Density: Not determined	Solubility(ies): Slowly soluble in water
Partition coefficient: n-octanol/water: Not determined	Auto-ignition temperature: Not applicable
Decomposition temperature: Not determined	Viscosity: Not applicable

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of storage and use.

Chemical stability: Stable

Possibility of hazardous reactions: None known

Conditions to avoid: Avoid heat and direct sunlight

Incompatible materials: Incompatible with strong acids and alkalies

Hazardous decomposition products: Thermal decomposition can generate carbon monoxide, hydrogen chloride, chlorine and oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

Acute effects of exposure:

Eye Contact: Direct contact with eyes may cause irritation

Skin Contact: Direct contact with skin may cause irritation

Ingestion: May cause nose, throat, and gastrointestinal irritation and other adverse effects.

Inhalation: Inhalation of dust may cause nose, throat and upper respiratory tract irritation.

Chronic Hazards: None known.

Numerical measures of toxicity:

1-chloro-5,5dimethylhydantoin: LD50 dermal rat > 200 mg/kg (maximum dose tested, no deaths);
LC50 inhalation rat >0.053 mg/L/4 hr (maximum tested concentration, no deaths)

Sensitization: Nonsensitizing in the Buehler Test with guinea pigs

Carcinogenicity: None of the components are classified by IARC, NTP, OASHA or the EU CLP as carcinogens.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available. This product may be toxic to aquatic organisms. Do not release concentrated product directly to the environment.

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Disposal Method: This product is not classified as a hazardous wastes under US EPA RCRA regulations. Dispose in accordance with all applicable local, state/provincial and federal regulations. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

14. TRANSPORT INFORMATION

UN Number: Not regulated

UN Proper shipping name: Not regulated

Transport hazard classe(s): Not applicable

Packing Group, if applicable: Not applicable

Environmental hazards: None known

Transport in bulk(according to Annex II of MARPOL 73/78 and the IBC Code): Transported in packaged form.

Special Precautions: None known

15. REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

CERCLA: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Acute Health

SARA 313 (40 CFR 372): None

EPA TSCA Inventory: All of the components of this product are listed on the TSCA.

California Proposition 65: This product contains the following chemicals known to the state of California to cause cancer and/or reproductive toxicity: None known

16. OTHER INFORMATION

SDS Revision History: Convert to OSHA GHS format. Changes in all sections

Date of Preparation: February 2, 2015