



The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

DuPont
Material Safety Data Sheet

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BIO01 BioSentry 453
Revised 14-JUN-2005

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Tradenames and Synonyms

Hatchery Disinfecting Cleaner

Company Identification

MANUFACTURER/DISTRIBUTOR
BioSentry
1481 Rock Mountain Boulevard
Stone Mountains, GA 30083
USA

PHONE NUMBERS

Product Information : 800-441-7515 (outside U.S. 302-774-1000)
Transport Emergency : CHEMTREC: 800-424-9300 (outside U.S.
703-527-3887)
Medical Emergency : 800-441-3637 (outside U.S. 302-774-1000)

COMPOSITION/INFORMATION ON INGREDIENTS

Components

| Material | CAS Number | % |
|--|------------|---|
| Water | 7732-18-5 | |
| Dipropylene Glycol Methyl Ether | 34590-94-8 | |
| Sodium Hydroxide | 1310-73-2 | |
| Sodium Metasilicate Pentahydrate | 10213-79-3 | |
| Chelant | | |
| Surfactant | | |
| N-Alkyl (C12-C16)-N,N-dimethyl-N-benzylammonium chloride | | |
| N-Alkyl (C8-C18)-N,N-dimethyl-N-benzylammonium chloride | | |

HAZARDS IDENTIFICATION

Potential Health Effects

INHALATION: Spray mist may cause nose and throat irritation. Prolonged inhalation may produce drowsiness, weakness, and inability to concentrate.

SKIN CONTACT: May cause moderate to severe irritation with defatting of the skin.

EYE CONTACT: May cause severe eye irritation. Prolonged or repeated contact may cause corneal damage.

(HAZARDS IDENTIFICATION - Continued)

INGESTION: Moderately toxic by ingestion. May cause damage to throat and esophagus.

Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

FIRST AID MEASURES

First Aid

INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SKIN CONTACT

Flush skin with water after contact. Wash contaminated clothing before reuse.

EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION

If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

Notes to Physicians

Probable mucosal damage may contraindicate the use of gastric lavage.

FIRE FIGHTING MEASURES

Flammable Properties

Not a fire or explosion hazard.

Extinguishing Media

Use media appropriate for surrounding material.

(FIRE FIGHTING MEASURES - Continued)

Fire Fighting Instructions

Evacuate personnel to a safe area. Wear self-contained breathing apparatus (SCBA) and full protective equipment.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Initial Containment

Prevent material from entering sewers, waterways, or low areas.

Small spills may be flushed to sewer with large amounts of water. Absorb large spills onto inert material and place in plastic or plastic-lined containers for proper disposal.

HANDLING AND STORAGE

Handling (Personnel)

Avoid inhalation. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Wash clothing after use.

Handling (Physical Aspects)

Do not contaminate water, food or feed by storage or disposal. Keep container closed when not in use. Keep out of reach of children.

Storage

Store in original container. Do not store on side. Avoid creasing or impacting of side walls.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Use only with adequate ventilation.

Personal Protective Equipment

EYE/FACE PROTECTION

Wear safety glasses. Where splash potential exists, wear chemical splash goggles.

(EXPOSURE CONTROLS/PERSONAL PROTECTION - Continued)

RESPIRATORS

Wear NIOSH approved respiratory protection, as appropriate.

PROTECTIVE CLOTHING

Where there is potential for skin contact have available and wear as appropriate impervious gloves, apron, pants and jacket.

Exposure Guidelines

Applicable Exposure Limits

Dipropylene Glycol Methyl Ether

PEL (OSHA) : 100 ppm, 600 mg/m³, 8 Hr. TWA, Skin
TLV (ACGIH) : 100 ppm, 606 mg/m³, 8 Hr. TWA, Skin
STEL 150 ppm, 909 mg/m³
AEL * (DuPont) : None Established

Sodium Hydroxide

PEL (OSHA) : 2 mg/m³, 8 Hr. TWA
TLV (ACGIH) : Ceiling 2 mg/m³
AEL * (DuPont) : 2 mg/m³, 15 minute TWA

* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Boiling Point : >212 F (>100 C)
% Volatiles : >75 %
Solubility in Water : 100 %
pH : 12.2-13.5
Odor : Amine.
Form : Liquid.
Color : Clear, Brown.
Specific Gravity : 1.05
Density : 8.75 lb/gal

STABILITY AND REACTIVITY

Chemical Stability

Stable. Stable at normal temperatures and storage conditions.

Incompatibility with Other Materials

Incompatible with soaps, anionic detergents and oxidizers.

(STABILITY AND REACTIVITY - Continued)

Decomposition

Decomposition will not occur.

Polymerization

Polymerization will not occur.

DISPOSAL CONSIDERATIONS

Waste Disposal

Incinerate material in accordance with Federal, State/Provincial and Local requirements. Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

Material should not be disposed of in ways that could lead to material ending up in waterways.

RCRA Number: D002

REGULATORY INFORMATION

U.S. Federal Regulations

Discarded material is a RCRA Hazardous Waste.

RCRA NUMBER: D002

OTHER INFORMATION

NFPA, NPCA-HMIS

| | |
|------------------|-----|
| NPCA-HMIS Rating | |
| Health | : 2 |
| Flammability | : 0 |
| Reactivity | : 0 |

Personal Protection rating to be supplied by user depending on use conditions.

Additional Information

EPA Registry Number: 65020-5

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

(Continued)

Responsible for MSDS : MSDS Coordinator
> : DuPont Clean & Disinfect
Address : Wilmington, DE 19898
Telephone : (800) 441-7515

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of MSDS