SECTION I - IDENTIFICATION

PRODUCT: OXYBROM 95
MANUFACTURER: SHEPARD BROS., INC.
ADDRESS: 503 S. Cypress Street, La Habra, CA 90631
TELEPHONE: (562) 697-1366

DESCRIPTION: Oxidizing biocide
CHEMICAL FAMILY: Halogenated hydantoin
FORMULA: Proprietary mixture

EMERGENCY TELEPHONE NUMBER: (562) 697-1366 or (800) 424-9300

NFPA RATING:
- Health: 3
- Fire: 1
- Reactivity: 1

NFPA Hazard Rating:
- Extreme: 4
- High: 3
- Moderate: 2
- Slight: 1
- Insignificant: 0

MSDS ORIGINATION DATE: 04/25/2001
REVISION DATE: 09/05/2006

SECTION II - HAZARDOUS INGREDIENTS/MIXTURES

<table>
<thead>
<tr>
<th>MATERIAL or COMPONENT</th>
<th>CAS No.</th>
<th>PERCENT</th>
<th>TLV/ACGIH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bromochloro-5,5-dimethylhydantoin</td>
<td>126-06-7</td>
<td>60.0</td>
<td>0.2 mg/m³ (Lonza internal Std)</td>
</tr>
<tr>
<td>1,3-Dichloro-5,5-dimethylhydantoin</td>
<td>118-52-5</td>
<td>27.4</td>
<td>0.2 mg/m³ (OSHA- PEL)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.2 mg/m³ (OSHA-STEL)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.2 mg/m³ (ACGIH-TLV)</td>
</tr>
<tr>
<td>1,3-dichloro-5-ethyl-5methylhydantoin</td>
<td>89415-87-2</td>
<td>10.6</td>
<td>0.2 mg/m³ (Lonza Internal Std)</td>
</tr>
</tbody>
</table>

SECTION III - PHYSICAL DATA

- BOILING POINT: Decomposes at 329°F
- MELTING POINT: 248 – 298°F
- VAPOR PRESSURE (mm Hg): ND
- VAPOR DENSITY (Air = 1): ND
- PERCENT VOLATILE BY VOLUME: ND
- AUTOIGNITION TEMPERATURE: ND
- FORM: Solid
- SOLUBILITY IN WATER: Slight
- BULK DENSITY: 0.96
- APPEARANCE: Off-white briquettes
- ODOR: Pungent
- pH (1% solution): 6.8

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD): > 201.0°F

EXTINGUISHING MEDIA: Use standard fire fighting media, including water, carbon dioxide, foam or dry powder.
SPECIAL FIRE FIGHTING PROCEDURES: As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus in the pressure-demand mode. Contain extinguishing water and dispose of in accordance with applicable regulations. Material is a strong oxidizer and corrosive. May ignite combustible materials and may produce noxious gases. Airborne dusts of this product in an enclosed space and in the presence of an ignition source may constitute an explosion hazard.

UNUSUAL FIRE AND EXPLOSION HAZARD: No known unusual hazards in a fire/explosion situation.

SECTION V - HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE:
SKIN: Prolonged exposure may cause irritation and possible skin damage.
EYES: Corrosive to eyes resulting in, possibly, chemical burns and irreversible eye damage.
INGESTION: May cause irritation of the upper gastrointestinal system.
INHALATION: Dusts and fumes will cause irritation and possibly damage to the upper respiratory tract and lungs.

EMERGENCY AND FIRST AID PROCEDURES:
SKIN: Immediately flush the area with flowing water for at least 15 minutes, while removing contaminated clothing. Launder clothing before reuse. Wash the area with a nonabrasive soap and plenty of water. Seek medical attention if irritation develops.
EYES: Immediately flush with plenty of water, alternately lifting the upper and lower eyelids. After 5 minutes, if appropriate, remove contact lenses and continue flushing the eyes for an additional 15 minutes. Get immediate medical attention.
INGESTION: Rinse mouth and drink several glasses of water. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. Get immediate medical attention.
INHALATION: Move the victim to fresh air. Give artificial respiration if breathing has stopped. Have a trained person administer oxygen if breathing is difficult. Get immediate medical attention.

SECTION VI - REACTIVITY DATA

STABILITY: Stable under normal storage conditions.

CONDITIONS TO AVOID: High temperatures, poor ventilation, contamination, moisture/high humidity, and incompatibles.

INCOMPATIBILITY: Avoid contact with acids and alkalis, and readily oxidizable materials.

HAZARDOUS DECOMPOSITION PRODUCTS: High temperatures, flames, and water may produce toxic vapors/fumes of hydrogen bromide, bromine, hydrogen chloride, chlorine and oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear chemically protective clothing. Contain spill using an inert diking material. Spilled material should be considered contaminated and not used. Transfer material into an approved container for disposal. Do not add water to spilled material. Use a clean dedicated broom to sweep and scoop all spilled material. Place in a clean, dry, approved, container. Keep product out of sewers, watersheds, and water systems.

WASTE DISPOSAL METHOD: Material that cannot be recovered and reused should be disposed of in accordance with all Federal, State, and Local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type): Avoid breathing dusts. Use a NIOSH/MSHA approved
respirator, with a full-facepiece when concentrations are unknown or a full-facepiece respirator with
dust/mist cartridges.

VENTILATION: Provide adequate mechanical or local exhaust ventilation to minimize exposure levels,
particularly in areas where the air contacts open process equipment.

PROTECTIVE GLOVES: The wearing of rubber or neoprene gloves is recommended.

EYE PROTECTION: Wear chemical splash goggles and/or full-face shield where there is potential for eye
contact. An eyewash fountain should be located in areas where the product is used.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Containers should be stored in a cool
(45 – 100°F), dry, well-ventilated area. Exercise due caution to prevent damage to or leakage from the
container. Avoid contact with the incompatibles listed in Section VI. Keep containers closed when not in
use.

OTHER PRECAUTIONS: Use good industrial practices in the storage, handling, and distribution of this
product.

SECTION X – REGULATORY INFORMATION

This product is not considered a carcinogen or cancer suspect under NTP, IARC and OSHA.

SARA Title III Section 313 (Toxic Chemicals): None listed.

SARA Title III Section 302 (Extremely Hazardous Substances): None listed

FDA (Food and Drug Administration): This product not approved for food contact uses.

TSCA (Toxic Substances Control Act) APPLICABILITY: Registered pesticides are exempt from the
requirements of TSCA. All components are listed on TSCA Inventory.

CALIFORNIA DIRECTOR’S LIST OF HAZARDOUS SUBSTANCES: 1,3-Dichloro-5,5-dimethyldantoin
(CAS 118-52-5)

PROPOSITION 65 (Chemicals known to the state of California to cause cancer or reproductive toxicity):
12 ppm Bromoform (CAS 75-25-2).

U.S. DOT PROPER SHIPPING NAME: OXIDIZING SOLID, N.O.S. (1-BROMO-3-CHLORO-5,5-
DIMETHYLHYDANTOIN), 5.1, UN1479, PGII

LABEL: OXIDIZER

Information presented herein has been compiled from sources considered dependable and is accurate and reliable to the best of our knowledge, but is
not guaranteed to be so. Since conditions of use are beyond our control, we make no warranties, express or implied, except those that are stated in
corresponding labels and technical literature.