

# 31195

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MATERIAL SAFETY DATA SHEET



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Information: 716-336-2200 OUTSIDE US: 1-352-323-3500

PRODUCT NAME: 102 DIS D-D, Disinfectant Deodorant Spray

REVISION DATE: 08/10/2000 REVISION NUMBER: 2
DATE PRINTED: 07/20/2001 PREPARED BY: Walter Friedlander

1. CHEMICAL PRODUCT

MSDS FORM NUMBER: 7106
NFPA/HMIS HAZARD CODES (minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 3/3
Fire: 3/3
Reactivity: 0/0
Special/Protective A
Equipment:

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

Table with 6 columns: PRODUCT COMPOSITION CAS REGISTRATION NO., APPROX. WEIGHT PERCENT, ACGIH TLV, ACGIH UNIT, OSHA PEL, OSHA UNIT. Rows include ETHYL ALCOHOL, PROPANE, and BUTANE/ISOBUTANE.

3. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): 176 F (concentrate) (C) NA
VAPOR PRESSURE: 35 +/- 5 psig @ 70 F
VAPOR DENSITY (AIR=1): NE
Solubility in Water: COMPLETE
SPECIFIC GRAVITY: 0.83 (concentrate)
VOC Content (%): Not available
EVAPORATION RATE: Not available
PH: 9.5 +/- .5
Appearance and Odor: Clear. Light yellow liquid. Floral scent. Alcohol scent.

4. FIRE AND EXPLOSION HAZARD DATA

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## 102 DIS D-D, Disinfectant Deodorant Spray

**FLASH POINT (F):** Greater than 18 inches, flashback. Flammable.  
**(C):** NA

**METHOD:** ASTM D-3065

**FLAMMABLE LIMITS IN AIR - LOWER (%):** Not available

**FLAMMABLE LIMITS IN AIR - UPPER (%):** Not available

**EXTINGUISHING MEDIA:** Water fog, carbon dioxide, foam, dry chemical.

**FIRE FIGHTING PROCEDURES:** Flammable. Cool exposed containers with water spray. Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Contain runoff for proper disposal.

### 5. STABILITY AND REACTIVITY

**STABILITY DATA:** STABLE

**POLYMERIZATION:** Will Not Occur.

**HAZARDOUS DECOMPOSITION:** Carbon Monoxide. Carbon Dioxide.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids and oxidizers.

**CONDITIONS/HAZARDS TO AVOID:** Extreme heat, direct sunlight.

### 6. HAZARDS IDENTIFICATION

#### EFFECTS FROM ACUTE EXPOSURE:

##### **INGESTION:**

Harmful if swallowed. Nausea. Vomiting.

##### **SKIN CONTACT:**

Dermatitis. Causes drying of the skin.

##### **INHALATION:**

Causes moderate respiratory irritation.

##### **EYE CONTACT:**

Corrosive. Causes redness and tearing. Causes moderate eye irritation.

##### **CHRONIC EFFECTS:**

None known.

##### **EFFECTS/CARCINOGENICITY:**

None listed under OSHA, IARC, or NTP.

##### **ROUTES OF ENTRY:**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

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**EMERGENCY AND FIRST AID MEASURES:**

**INGESTION:** Drink several glasses of water or milk. Get immediate medical attention.  
**SKIN:** Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention if irritation persists. **INHALATION:** Move person to fresh air. Aid breathing if necessary. **EYES:** In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

**NOTES TO PHYSICIAN:** None.

**7. HANDLING AND STORAGE**

**SPILL PROCEDURES:**

**SMALL SPILLS:** Reclaim as much as possible.  
**LARGE SPILLS:** Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

**WASTE DISPOSAL METHODS:**

Contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Danger: Extremely flammable. Do not store near heat, sparks or flame. Do not puncture or incinerate container. Store in a cool, dry area. Keep container closed when not in use. Keep from freezing. Do not reuse container. Do not contaminate water, food, or feed. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors.

**OTHER PRECAUTIONS:**

Read and follow label instructions. Keep out of reach of children.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EXPOSURE CONTROLS:** Use in a well ventilated area.  
**RESPIRATORY PROTECTION:** None normally required. Use NIOSH approved organic vapor respirator as needed if spray mist or vapors exceed PEL or TLV.  
**PROTECTIVE GLOVES:** Rubber gloves.  
**EYE PROTECTION:** Goggles. Safety Glasses. Face shield.  
**OTHER PERSONAL PROTECTION EQUIPMENT:** Rubber apron. Rubber boots. Appropriate protective clothing as needed to prevent skin contact.  
**VENTILATION:** Not normally required. Mechanical ventilation as needed.

Health and safety information presented on this form is generally applicable at recommended dilutions, varying only in degree. This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

**\*\*\* END OF MSDS \*\*\***