

# MSDS ATLAS Material Safety Data Sheet

## BIOGUARD

MSDS Number: 7005

Revision Date: 10/6/2009

Page 1 of 5

### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Atlas Tech Products

4640 Brinell St.  
San Diego, CA 92111

**Contact:** Technical Services

**Telephone Number:** 858-277-2100

**FAX Number:** 858-277-0585

**E-Mail:** info@atlastechproducts.com

**Web:** www.atlastechproducts.com

**Product Name:** BIOGUARD  
**Revision Date:** 10/6/2009  
**MSDS Number:** 7005  
**Product Code:** BIOGUARD  
**Product Use:** Form Release

EMERGENCY TELEPHONE No.: 800-424-9300 CHEMTREC 24 hrs.

### 2 HAZARDS IDENTIFICATION

**Route of Entry:** Eyes, Skin, Ingestion.  
**Target Organs:** None Known  
**Inhalation:** This product is not expected to be toxic by inhalation.  
**Skin Contact:** Not expected to be an irritant by skin contact.  
**Eye Contact:** May cause irritation.  
**Ingestion:** Not expected to be orally toxic. In normal industrial use, ingestion is not considered a probable route of exposure.

HMS II-ratings (scale 0-4): Health = 1, Fire = 0, Reactivity = 0

HMS III-ratings (scale 0-4): Health = 1, Fire = 0, Physical Hazard = 0

NFPA-ratings (scale 0-4): Health = 1, Fire = 0, Reactivity = 0

None of the components considered hazardous material or carcinogen (1910.1200 Hazard Communication (d) 4).

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

| Cas # | Chemical Name | Perc. |
|-------|---------------|-------|
| ----- |               |       |

# MSDS *Material Safety Data Sheet*

ATLAS

## BIOGUARD

MSDS Number: 7005

Revision Date: 10/6/2009

Page 2 of 5

### 4 FIRST AID MEASURES

- Inhalation:** If overexposure occurs, remove victim to fresh air. If breathing stops, administer artificial respiration. Seek immediate medical attention.
- Skin Contact:** Remove contaminated clothing as soon as possible. Wash exposed skin thoroughly with soap and water. If irritation persists, consult a physician. Launder contaminated clothing before reuse. Extremely contaminated leather shoes should be discarded.
- Eye Contact:** Flush eyes with plenty of water for at least 15 minutes. If necessary, gently hold open during the flush. Immediately seek medical attention.
- Ingestion:** If a large amount of material is swallowed, do not induce vomiting. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into the lungs. Immediately consult a physician. Do not attempt to give liquid to an unconscious person.

### 5 FIRE FIGHTING MEASURES

- Flash Point:** >250 deg. F.
- Flash Point Method:** Pinsky Martins Closed Cup Method
- Burning Rate:** Not available
- Autoignition Temperature:** >250 deg. F.
- LEL:** NE
- UEL:** NE

Special Fire Fighting Procedures: None. Fire may produce petroleum decomposition products, wear self-contained breathing apparatus (SCBA). Avoid breathing smoke. NFPA Class B-C fire extinguisher (dry chemical, foam or carbon dioxide). Avoid spraying directly into containers to prevent boilover. Vapor is heavier than air and can travel a considerable distance to a source of ignition and flashback.

### 6 ACCIDENTAL RELEASE MEASURES

**SMALL SPILLS:** Contain with earthen dike or petroleum absorbent material. Absorb with petroleum absorbing material.

**LARGE SPILLS:** Contain with earthen dike or petroleum absorbent material. Absorb with petroleum absorbing material. Remove excess material with grounded suction pump into salvage container.

Stop leak if you can do so without risk.

Use PPE appropriate to spill size and risk of exposure.

Retain all contaminated water for removal and treatment. Do not allow material to enter any drain or waterway.

### 7 HANDLING AND STORAGE

- Handling Precautions:** For professional use only. Avoid eye/skin contact. Wash after using and before eating or smoking. Avoid breathing vapors. Use as directed. Avoid uncontrolled mixing with oxidizers. Respiratory protection is recommended when ventilation is inadequate. NIOSH/OSHA approved respirators should be provided and worn.

- Storage Requirements:** Store in a cool/dry location. Do not allow material to freeze, as product may be damaged. Store away from sparks and open flame.

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; containers may explode and cause injury or death.

# MSDS *Material Safety Data Sheet*

ATLAS

## BIOGUARD

MSDS Number: 7005

Revision Date: 10/6/2009

Page 3 of 5

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:**  
**Protective Equipment:**

HMIS PP, B | Goggles, Gloves  
VENTILATION: Provide general or local exhaust systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred because it prevents contaminant dispersion into work area by controlling it at its source.

RESPIRATORY PROTECTION: Seek professional advice prior to respiratory selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear NIOSH/OSHA approved respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen.

PROTECTIVE CLOTHING/EQUIPMENT: Wear protective gloves and boots to prevent prolonged skin contact. Wear protective goggles per OSHA eye and face protection regulations (29 CFR 1910.133).

CONTAMINATED EQUIPMENT: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your work shoes and clean personal protective equipment.

OTHER PRECAUTIONS: Never eat, drink or smoke in work areas.

**Exposure Guidelines/Other:**

This material is not listed by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

|                        |                         |                              |                           |
|------------------------|-------------------------|------------------------------|---------------------------|
| <b>Appearance:</b>     | Milky white.            | <b>Boiling Point:</b>        | 212 deg. F.               |
| <b>Physical State:</b> | Liquid                  | <b>Freezing/Melting Pt.:</b> |                           |
| <b>Odor:</b>           | Characteristic Oil      | <b>Solubility:</b>           | Complete                  |
| <b>pH:</b>             | Not applicable          | <b>Spec Grav./Density:</b>   | (H <sub>2</sub> O=1) 0.98 |
| <b>Vapor Pressure:</b> | <11 mm/Hg @ 100 deg. F. |                              |                           |
| <b>Vapor Density:</b>  | (Air=1) 4               |                              |                           |

|                          |                       |
|--------------------------|-----------------------|
| <b>Evap. Rate:</b>       | (Butyl Acetate=1) .15 |
| <b>Percent Volatile:</b> | 0%                    |

### 10 STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Stability:</b>                            | Stable   |
| <b>Conditions to avoid:</b>                  | None Known   |
| <b>Materials to avoid (incompatibility):</b> | Avoid contact or contamination with strong oxidizers, alkalis. |
| <b>Hazardous Decomposition products:</b>     | None Known.  |
| <b>Hazardous Polymerization:</b>             | Hazardous polymerization will not occur.                       |

# MSDS *Material Safety Data Sheet*

ATLAS

## BIOGUARD

MSDS Number: 7005

Revision Date: 10/6/2009

Page 4 of 5

### 11 TOXICOLOGICAL INFORMATION

EYE: A similar product was not an eye irritant when tested as described in 29 CFR 1910.1200. Appendix A, OSHA Hazard Communication Standard.

DERMAL: A similar product was not a primary irritant and was not dermally toxic when tested as described in 29 CFR 1910.1200. Appendix A, (OSHA HCS).

INHALATION: A similar product was not toxic by inhalation when tested as described in 29 CFR 1910.1200. Appendix A, (OSHA HCS).

ORAL: A similar product was not toxic when tested as described in 29 CFR 1910.1200. Appendix A, (OSHA HCS).

CHRONIC: There are no known chronic effects from exposure to this product.

### 12 ECOLOGICAL INFORMATION

This product is biodegradable under aerobic and anaerobic conditions.

### 13 DISPOSAL CONSIDERATIONS

RCRA: The requirements of the federal hazardous waste regulations do not apply unless the waste fails to pass any of the EPA's four tests for determining hazardous waste. NOTE: If this product is altered, it is the responsibility of the user to determine the material meets the criteria for hazardous waste at the time of disposal.

When disposed of properly, this material does not meet RCRA classification or listing for hazardous waste. Certain localities and state laws have specific disposal requirements for non-hazardous industrial chemicals. Consult municipal authorities, landfill personnel, disposal companies for details prior to any disposal activity. Always follow local, state and federal regulations.

### 14 TRANSPORT INFORMATION

DOT Class: Not regulated #

### 15 REGULATORY INFORMATION

CERCLA / SARA: Spills or release of this material do not currently meet the emergency release reporting requirements under CERCLA or SARA Title III. State or local reporting requirements may differ from federal requirements.

SARA Title III, Section 313: This product does not contain any known toxic chemicals which are listed in 40 CFR 372.65, as toxic chemical requiring notification.

CWA Section 307: Not applicable.

CWA Section 311: Not applicable.

TSCA: All components of this product are listed on the Toxic Substance Control Act Inventory or are excluded from listing requirements.

California Proposition 65: Not listed as a hazardous material.

# **MSDS** *Material Safety Data Sheet* ATLAS

---

## **BIOGUARD**

MSDS Number: 7005

Revision Date: 10/6/2009

Page 5 of 5

**16**

### **OTHER INFORMATION**

The information and recommendations in this document are based on the best information available to us at the time of preparation. We make no other warranty, expressed or implied, as to its correctness or completeness, or as to the results or reliance of this product.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

---

**END OF MSDS DOCUMENT**