

MSDS Material Safety Data Sheet

ATLAS

MSDS Number: 2112

ATLAS BIO-GUARD

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Revision Date: 6/14/2010

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

ATLAS TECH PRODUCTS

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Emergency Contacts & Phone

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Product Name: Atlas Bio-Guard
Revision Date: 6/14/2010
MSDS Number: 2112
Product Code: Atlas Bio-Guard
Product Use: Release Agent

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COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Description: Mixture of nonhazardous ingredients.

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HAZARDS IDENTIFICATION

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

Classification system:

The classification system was made according to the latest editions of international substances lists, and expanded upon from company and literature data.



NFPA ratings (scale 0-4)

Health = 1
Fire = 0
Reactivity = 0

HMIS II ratings (scale 0-4)

Health = 1
Fire = 0
Reactivity = 0

HMIS III ratings (scale 0-4)

Health = 1
Fire = 0
Physical Hazard = 0

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FIRST AID MEASURES

After inhalation: If overexposure occurs, remove victim to fresh air. If breathing stops, administer artificial respiration. Seek immediate medical attention.

After 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.

After 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.

After swallowing: 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° F
Flash Point Method: Pensky Martins Closed Cup Method
Burning Rate: Not Available
Autoignition Temperature: > 250° 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 absorbent material.

Large spills: Contain with earthen dike or absorbent 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:

Information for safe handling: 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: 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.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

General protective and hygienic measures: 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 areas 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. Removed 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.

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PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form:	Liquid
Color:	Milky white.
Odor:	Characteristic Oil
pH:	Not applicable
Change in condition	
Melting point/Melting range:	
Boiling Point/Boiling range:	212°F
Flash point:	>250°F
Flash point method:	Pensky Martins Closed Cup Method
Auto igniting:	>250°F
Vapor pressure at 100 °F	<11 mm/Hg
Density at Air =1	4
Solubility:	Complete
Specific Gravity/ Density(H ₂ O=1)	0.98
VOC:	<50g/L
Evaporation Rate:(Butyl Acetate =1)	0.15
Percent Volatile:	0%

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STABILITY AND REACTIVITY

Stability: Stable.**Conditions to be avoided:** None known.**Materials to avoid (incompatibility):** Avoid contact or contamination with strong oxidizers, alkalis.**Hazardous Decomposition products:** None known.**Hazardous Polymerization:** Hazardous polymerization will not occur.

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TOXICOLOGICAL INFORMATION

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

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ECOLOGICAL INFORMATION

This product is biodegradable under aerobic and anaerobic conditions.

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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 if the material meets the criteria for hazardous waste at the time of disposal.

When disposed of properly, this material does not meet RCRA classification for 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.

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TRANSPORT INFORMATION

Dot Regulations : Not Regulated
Shipping Class: 55

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REGULATORY INFORMATION

SARA/CERCLA

Spills or release of this material does 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 products 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 hazardous material.

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OTHER INFORMATION

The information contained in this data sheet is furnished in good faith and without any warranty, representation, or inducement or license of any kind, except that it is accurate to the best of our knowledge, or was obtained from sources believed by us to be reliable. The accuracy, adequacy or completeness of health and safety precautions set forth herein cannot be guaranteed, and the buyer is solely responsible for ensuring the product used, handled, stored and disposed of safely and in compliance with applicable federal, state or provincial and local laws. Atlas Construction Supply, Inc. disclaims liability for any loss, damage or personal injury that arises from, or is in any way related to, use of the information contained in this data sheet.

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