

MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

PRODUCT NUMBER: 3110  
IDENTITY: GERM GUARD

Revision Date: 03/23/2010

Section I

Manufacturer's Name: ATLANTIC SOLUTIONS INC. Telephone Numbers:  
Address: 125 N. CHATHAM PKWY Emergency:  
800/255-3924  
CHAPEL HILL Information:  
State: NC Zip Code: 27517 919-476-0895

HMIS CODES: REACTIVITY: 0 FLAMMABILITY: 2 HEALTH: 1 PERSONAL PROTECT:A

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the ingredients contained in this product are listed on the TSCA inventory.)

Name	Cas No.	OSHA PEL	ACGIH TLV	OTHER LIM	%
ETHYL ALCOHOL	64-17-5	1000 PPM	1000 PPM	N/A	___
O-PHENYL PHENOL	*+ 90-43-7	N/A	N/A		___
PROPANE/N-BUTANE	68476-86-8	N/A	1000ppm	N/A	___
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Comment:

THIS PRODUCT CONTAINS THE TOXIC CHEMICALS MARKED WITH AN \* SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372.

THIS PRODUCT CONTAINS CHEMICAL(S) MARKED WITH A + KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >170 Specific Gravity (water=1) 0.88  
Vapor Pressure(mm Hg) 44 Melting Point: N/A  
Vapor Density(AIR=1) >1 Evaporation Rate: 1  
Solubility in Water: 100% (Butyl Acetate=1)  
Appearance and Odor: CLEAR COLORLESS SPRAY. COUNTRY GARDEN ODOR.

Section IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point(Method Used):68 F TOC Flammable Limits: LEL:N/A UEL: N/A  
Extinguishing Media: STANDARD CHEMICAL FIRE EXTINGUISHER  
Special Fire Fighting Procedures: SELF CONTAINED BREATHING APPARATUS

Unusual Fire and Explosion Hazards: CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING. CONTAINS FLAMMABLE PROPELLANT.

---

---

Section V: REACTIVITY DATA

PRODUCT NUMBER: 3110

Stability: Unstable:            Conditions to avoid:  
          Stable:    X            TEMPERATURES ABOVE 120 F.  
Incompatibility (Materials to Avoid): STRONG OXIDIZERS.

Hazardous Decomposition or Byproducts: OXIDES OF CARBON

Hazardous Polymerization:            May Occur:                    Will Not Occur: X  
Conditions to Avoid: N/A

---

---

Section VI:    HEALTH HAZARD DATA

Routes of Entry:            Inhalation: YES            Skin: YES            Ingestion: YES  
Health Hazards (Acute and Chronic):  
INHALATION: MAY IRRITATE MOUTH, NOSE AND THROAT LEADING TO SLEEP AND STUPOR. SKIN: CAUSES DRYING AND IRRITATION. EYES: SEVERE IRRITATION. INGESTION: HARMFUL OR FATAL DEPENDING ON AMOUNT CONSUMED.  
Carcinogenicity:  
NTP:NO                    IARC Monographs:NO                    OSHA Reg:Yes  
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS ABOVE

Medical Conditions Generally Aggravated by Exposure: NONE KNOWN.

Emergency and First Aid Procedures: INHALATION: REMOVE TO FRESH AIR.  
SKIN OR EYES: FLUSH WITH WATER FOR 15 MINUTES, SEE PHYSICIAN IF IRRITATION PERSISTS. INGESTION: INDUCE VOMITING, GIVE COPIOUS AMOUNT OF WATER AND CALL PHYSICIAN.

---

---

Section VII:    PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: MOP OR WIPE UP SPILL. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL GUIDELINES.

Waste Disposal Method: WRAP CONTAINER AND PLACE IN TRASH COLLECTION. DO NOT PUNCTURE OR INCINERATE CONTAINER.

Precautions to be Taken in Handling and Storing: STORE IN A COOL, DRY AREA. KEEP AWAY FROM HEAT, FLAME OR SPARKS.

Other Precautions: EXPOSURE TO TEMPERATURES >120 F MAY CAUSE BURSTING.

---

---

Section VIII:    CONTROL MEASURES

Respiratory Protection: N/A  
Ventilation:  
Local Exhaust:ADEQUATE  
Mechanical:    N/A  
Special:        N/A  
Other:         N/A  
Protective Gloves:ONLY IF REPEATED CONTACT W/SKIN OCCURS.  
Eye Protection: SAFETY GLASSES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.  
Other Protective Clothing or Equipment:  
N/A  
Work/Hygienic Practices:  
WASH HANDS AFTER USE