

2013

MATERIAL SAFETY DATA SHEET

HMSI HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

(Prepared According to 29 CFR 1910.1200)

A = Safety Glasses	F = C + Dust Mask	4 = Extreme	Health.... 1
B = A + Gloves	G = B + Respirator	3 = High	Flammability.... 1
C = B + Apron	H = F + Goggles	2 = Moderate	Reactivity.... 1
D = C + Face Shield	I = B + Respirator	1 = Slight	Protection.... A
E = B + Dust Mask	X = Ask Supervisor	0 = Insignificant	

SECTION I - PRODUCT IDENTIFICATION

Product Code: A247 Supersedes date: February 16, 1994 Section(s) changed: I, II, III, IV, V, VI, VII, VIII, X Effective date: June 24, 2003

PRODUCT NAME: GERM-X
 GENERIC NAME: Foaming Germicidal Cleaner
 DISTRIBUTORS NAME:
 INFORMATION PHONE NUMBER: 314-771-6600
 EMERGENCY PHONE NUMBER IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE OR ACCIDENT: CHEMTREC 800-424-9300
 PROPER SHIPPING DESCRIPTION: Consumer Commodity, ORM-D LABEL: None

CHEMICAL FAMILY: Cleaner/Disinfectant Aerosol
 FORMULA: Proprietary Mixture
 DISTRIBUTORS ADDRESS:

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	WT%	OSHA PEL	ACGIH TLV	OTHER
2-Butoxy Ethanol	111-76-2		25 ppm	25 ppm	
Isopropyl Alcohol	67-63-0		400 ppm	400 ppm	
L.P.G.	68476-85-7		1000 ppm	1000 ppm	
Potassium Hydroxide	1310-58-3		N/A	2mg/m ³	

The information & recommendations set forth herein are presented in good faith & believed to be current & reliable. The distributor makes no representation as to the completeness or accuracy thereof & supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use. In no event will the distributor be responsible for any damage of any nature whatsoever resulting from the use of or reliance upon this information. No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which it refers.

SECTION III - PHYSICAL/CHEMICAL DATA SECTION IV - FIRE & EXPLOSION HAZARD DATA

Boiling Point (°F): N/A Specific Gravity: 1.00
 Vapor Pressure (mm Hg): 760 Vapor Density (Air=1): <1
 Evaporation Rate: (Butyl Acetate=1): >1 pH: 11.2
 Solubility in Water: Complete
 Physical Description: White Foam - Citrus/Ammonia Odor

FLAME PROJECTION: None
 FLASH POINT (Method Used): Not Flammable LIMITS: LEL: N/A UEL: N/A
 EXTINGUISHING MEDIA: Standard chemical fire extinguisher.
 SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.
 UNUSUAL FIRE & EXPLOSION HAZARD: CONTENTS UNDER PRESSURE. Exposure to temperatures over 120°F may cause bursting or venting.

SECTION V - REACTIVITY DATA SECTION VI - STORAGE & HANDLING INFORMATION

Stability: Stable.
 Hazardous Polymerization: Will not occur.
 Incompatibility (Materials to Avoid): Oxidizing materials, alkalis, acids.
 Conditions to Avoid: Sources of heat.
 Hazardous Decomposition Products: None known.

KEEP OUT OF REACH OF CHILDREN. WARNING.
 CONTENTS UNDER PRESSURE.
 Do not store where temperatures exceed 120°F.
 Do not get in eyes, on skin or on clothing.

SECTION VII - HEALTH HAZARDS AND FIRST AID

Carcinogenicity: NE	NTP? NE	IARC Monographs? NE	OSHA REGULATED? NO
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EFFECTS OF OVEREXPOSURE:
 SKIN: May cause itching, dryness, redness, or irritation.
 EYES: May cause irritation, redness, or watering.
 INHALATION: Large amounts of vapor may cause nausea or dizziness.
 INGESTION: Nausea, headache, vomiting.

EMERGENCY FIRST AID PROCEDURES:
 SKIN: Wash with soap & water. See physician if irritation persists.
 EYES: Flush with flowing water for 15 minutes. See physician if irritation persists.
 INHALATION: Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get medical help.
 INGESTION: DO NOT induce vomiting. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not required.
 VENTILATION RECOMMENDED: General ventilation recommended to maintain the level of the hazardous ingredients to less than half of the TLV.
 PROTECTIVE GLOVES: Impervious rubber, for prolonged contact.
 EYE PROTECTION: Splash proof chemical goggles, for prolonged contact.
 OTHER PROTECTIVE EQUIPMENT: None.

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Dike area if possible for material recovery. Small quantities may be absorbed with absorbent materials.
 WASTE DISPOSAL METHOD: Dispose of in accordance with applicable Federal, State & Local regulations as well as EPA standards.

SECTION X - ADDITIONAL FEDERAL REGULATIONS

ARA TITLE III (EPCRA) NOTIFICATION: ISOPROPYL ALCOHOL [Reportable under section 313 and section 6607 of the Pollution Prevention Act]
 COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION: POTASSIUM HYDROXIDE
 CLEAN AIR ACT NOTIFICATION: ISOBUTANE, PROPANE [REPORTABLE UNDER SECTION 112(r) OF TITLE III OF THE CLEAN AIR ACT AMMENDMENT OF 1990
 For more information, consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.