

MATERIAL SAFETY DATA SHEET

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DATE OF ISSUE: January, 05, 2006

GENERAL INFORMATION # : 314-647-1888
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I-PRODUCT IDENTIFICATION

BUG BUSTER

PRODUCT CODE: #033

CHEMICAL FORMULATION: WATER SOLUBLE CLEANER & BUG REMOVER

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: FLAMMABILITY: REACTIVITY:

HAZARD RATING: 4- Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))	CAS No.	OSHA PEL	ACGIH TLV	WEIGHT %
SODIUM METASILICATE	683-49-20		N/A	
POTASSIUM HYDROXIDE	131-05-83		10ppm	
ISOPROPANOL	67-630		400ppm	
2-BUTOZYETHANOL	111-76-2		50ppm	
WATER (BALANCE)				

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit

N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

BOILING POINT (°f): 212	MELTING POINT: N/A
VAPOR PRESSURE (mm Hg): NOT DET	SPECIFIC GRAVITY (H20=1): 1.10
VAPOR DENSITY (AIR=1) NOT DET	
SOLUBILITY IN WATER: SOLUBLE	EVAPORATION RATE (Butyl Acetate=1): N/A
	pH: 13.50
APPEARANCE AND ODOR: CLEAR, YELLOW LIQUID, SLIGHT DETERGENT ODOR	

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (Method used): NONE

(TEST METHOD):

FLAMMABLE LIMITS: NO DATA

UPPER: N/E

LOWER: N/E

EXTINGUISHING MEDIA: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: COOL DRUMS IN VICINITY OF FIRE WITH WATER FOG. FIREFIGHTERS SHOULD BE EQUIPPED WITH FULL PROTECTIVE GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS

UNUSUAL FIRE AND EXPLOSION HAZARD: NONE

V - REACTIVITY DATA

STABILITY:	STABLE
INCOMPATIBILITY:	ACIDIC MATERIALS
CONDITIONS TO AVOID:	NONE
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	THERMAL DECOMPOSITION CAN PRODUCE CO & CO ₂
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
CONDITIONS TO AVOID:	N/A

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VI - HEALTH AND HAZARD DATA

THRESHOLD LIMIT VALUE: N/E

SYMPTOMS OF OVEREXPOSURE

IF IN EYES: SEVERE DESTRUCTION OF TISSUE.

IF ON SKIN: SEVERE IRRITATION, BURNS AND ULCERATIONS

IF INGESTED: SEVERE BURNS TO MUCOUS MEMBRANES, DESTRUCTION OF TISSUE; DANGER-MAY BE FATAL

IF INHALED: SEVERE IRRITATION OF RESPIRATORY TRACT, PULMONARY EDEMA, LARYNGAL SPASMS

EMERGENCY FIRST AID

IF IN EYES: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES OR WASH WITH A 5% BORIC ACID SOLUTION. OBTAIN IMMEDIATE MEDICAL ASSISTANCE AND CONTINUE FLUSHING UNTIL ASSISTANCE ARRIVES

IF ON SKIN: REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE RE-USE. FLUSH THOROUGHLY WITH VINEGAR AND WATER.

IF INGESTED: DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER FOLLOWED WITH CITRUS FRUIT JUICE. CALL PHYSICIAN OR POISON CONTROL CENTER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON

IF INHALED: REMOVE PERSON TO FRESH AIR AND CALL PHYSICIAN IMMEDIATELY

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: FLUSH AWAY WITH WATER INTO DRAIN

WASTE DISPOSAL METHOD: ACCORDING TO LOCAL POLLUTION ORDINANCES

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: LOCAL EXHAUST: RECOMMENDED
MECHANICAL: RECOMMENDED

RESPIRATORY PROTECTION: USE ONLY WITH ADEQUATE VENTILATION. USE APPROVED RESPIRATOR TO PREVENT INHALATION OF VAPORS OR MISTS

PROTECTIVE GLOVES: IMPERVIOUS RUBBER GLOVES

EYE PROTECTION: CHEMICAL GOGGLES

OTHER PROTECTIVE EQUIPMENT: PROTECTIVE CLOTHING, EMERGENCY SHOWER AND EYE WASH STATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE AWAY IN A COOL, DRY PLACE, AWAY FROM ACIDS. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

WORK/HYGIENIC PRACTICES: N/A

REVISION DATE: January 05, 2005

Prepared By:

DATE OF ISSUE: January 05, 2005

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