

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

BOWL LUSTER

PRODUCT CODE: #028

CHEMICAL FORMULATION: ACID BOWL CLEANER-NON-FUMING

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 %
HYDROGEN CHLORIDE			5ppm	

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): N/A MELTING POINT: N/A
VAPOR PRESSURE (mm Hg): N/A SPECIFIC GRAVITY (H20=1): 1.050
VAPOR DENSITY (AIR=1) N/A
SOLUBILITY IN WATER: COMPLETE EVAPORATION RATE (Butyl Acetate=1): N/A
pH: N/A
APPEARANCE AND ODOR: PINK, OPAQUE, SCENTED LIQUID

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (Method used): N/A (TEST METHOD):
FLAMMABLE LIMITS: N/E UPPER: N/E LOWER: N/E
EXTINGUISHING MEDIA: WATER, FOAM OR DRY CHEMICALS
SPECIAL FIRE FIGHTING PROCEDURES: WATER SPRAY MAY BE USED TO COOL FIRE EXPOSED CONTAINERS.
WEAR SELF CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING
UNUSUAL FIRE AND EXPLOSION HAZARD: NON-FLAMMABLE, BUT HYDROGEN CHLORIDE REACTS WITH COMMON METALS FORMING HYDROGEN GAS WHICH MAY CAUSE FIRE OR EXPLOSION.

V - REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY: KEEP AWAY FROM OXIDIZING AGENTS
CONDITIONS TO AVOID: DO NOT MIX WITH BLEACH TYPE PRODUCTS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NO
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: N/A

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VI - HEALTH AND HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: INHALATION, EYES, SKIN

CARCINOGENICITY: N/A

SYMPTOMS OF EXPOSURE

IF IN EYES: CAUSES BURNS

IF ON SKIN: CAUSES BURNS TO SKIN AND LUNG TISSUE

IF INGESTED:

IF INHALED: LARGE AMOUNTS OF FUMES WILL CAUSE IRRITATION TO NOSE AND THROAT

EMERGENCY FIRST AID

IF IN EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION

IF ON SKIN: FLUSH WITH LARGE AMOUNTS OF WATER, USING SOAP FREELY

IF INGESTED: DRINK TEASPOONFUL OR MORE OF MAGNESIUM, CHALK OR SMALL PIECES OF SOFTENED SOAP WITH WATER, IN MILK OR RAW EGG WHITE. IF THESE ARE NOT AVAILABLE, DRINK LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION AT ONCE

IF INHALED: MOVE TO FRESH AIR

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: IF MATERIAL LEAKS OR SPILLS, NEUTRALIZE WITH SODA ASH. FLUSH AREA WITH WATER. USE PROTECTIVE EQUIPMENT TO AVOID BREATHING VAPORS, OR SKIN CONTACT.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH GOVERNMENT REGULATIONS

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION:

RESPIRATORY PROTECTION: VENTILATE TO KEEP AIR BELOW TLV

PROTECTIVE GLOVES: RUBBER GLOVES

EYE PROTECTION: GOGGLES OR FACE SHIELD

OTHER PROTECTIVE EQUIPMENT: EYE BATH AND SAFETY SHOWER

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: IN HANDLING, AVOID CONTACT WITH SKIN AND EYES. WHEN STORING MAKE SURE CONTAINERS ARE NOT TOO FULL. UNDER EXTREME HEAT CONDITIONS, ALLOW ROOM FOR EXPANSION.

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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