

MATERIAL SAFETY DATA SHEET

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

ASCB #1

PRODUCT CODE: #015

CHEMICAL FORMULATION: ALUMINUM & STAINLESS CLEANER/BRIGHTENER

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 #	OSHA PEL	ACGIH TLV	Other Limits	
				Recommended	% optional
PHOSPHORIC ACID					

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 (C/F): MELTING POINT:
VAPOR PRESSURE (mm Hg.)@20C SPECIFIC GRAVITY (WATER = 1): 1.09
CORROSION RATE: FREEZING POINT:
VAPOR DENSITY (AIR = 1): VOC CONTENT (% by weight):
SOLUBILITY IN WATER: EXCELLENT EVAPORATION RATE (Butyl Acetate = 1):
pH:
APPEARANCE AND ODOR: PINK COLOR - SASS ODOR - CLEAR LIQUID

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (F/C): N/A (TEST METHOD):
FLAMMABLE LIMITS: UPPER: N/A LOWER: N/A
EXTINGUISHING MEDIA: WATER, FOAM OR DRY CHEMICALS

SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTING PERSONNEL WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

UNUSUAL FIRE AND EXPLOSION HAZARD: NON FLAMMABLE, BUT REACTS WITH COMMON METALS GENERATING HYDROGEN GAS, WHICH MAY CAUSE FIRE OR EXPLOSION IN HIGH CONCENTRATION.

V - REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY:

CONDITIONS TO AVOID:

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

HAZARDOUS POLYMERIZATION:
CONDITIONS TO AVOID:

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VI - HEALTH AND HAZARD DATA

ROUTES OF ENTRY: INHALATION? SKIN? INGESTION?

HEALTH HAZARDS (ACUTE & CHRONIC):

CARCINOGENICITY: NTP? IARC MONOGRAPHS? OSHA REGULATED?

EFFECTS OF OVEREXPOSURE

IF IN EYES: CAUSES BURNS TO EYES

IF ON SKIN: CAUSES BURNS TO SKIN

IF SWALLOWED:

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

EMERGENCY AND FIRST AID PROCEDURES

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

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

IF SWALLOWED: DRINK TEASPOON OF MAGNESIA, CHALK, WHITING OR WALL PLASTER OR SMALL PIECES OF SOAP SOFTENED IN MILK OR RAW EGG WHITES. IF THESE ARE NOT AVAILABLE DRINK LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION IN CASE LARGE DOSE INGESTION.

IF INHALED:

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: NEUTRALIZE WITH SODA ASH, SCOOP UP SLURRY & FLUSH REMAINDER WITH WATER.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH GOVERNMENT REGULATIONS.

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: Local Exhaust: XXX Mechanical (General): Special:

Other: EYE WASH

RESPIRATORY PROTECTION: NONE

PROTECTIVE GLOVES:

EYE PROTECTION:

OTHER PROTECTIVE EQUIPMENT: NONE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: IN HANDLING, AVOID CONTACT WITH SKIN AND EYES. KEEP AWAY FROM EXTREME HEAT OR OPEN FLAME.

WORK/HYGIENIC PRACTICES :

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