

MATERIAL SAFETY DATA SHEET

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

AUTO-RINSE

PRODUCT CODE: #017

CHEMICAL FORMULATION:

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

Other Limits

Recommended

% optional

NONE

*SARA 313 Information:

Subject to the reporting and supplier notification of SARA 313.

*RQ #2 N/A

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 ($^{\circ}$ F): >212 $^{\circ}$ F

MELTING POINT: <32 $^{\circ}$ F

VAPOR PRESSURE (mm Hg): <0.1

SPECIFIC GRAVITY (H2O=1): 1.02

VAPOR DENSITY (AIR=1) <0.1

SOLUBILITY IN WATER: 100% MISCIBLE

EVAPORATION RATE (Butyl Acetate =1): <0.1

pH: N/A

APPEARANCE AND ODOR: LIGHT AMBER, CLEAR TO-SLIGHTLY HAZY, SOLVENT ODORED LIQUID

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT: NONE

(TEST METHOD):

FLAMMABLE LIMITS: NONE

UPPER: NONE

LOWER: NONE

EXTINGUISHING MEDIA: NONE

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARD: NONE

V - REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY:

AVOID HEAT, OPEN FLAME AND CONTACT WITH STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

CONDITIONS TO AVOID:

NONE

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VI - HEALTH AND HAZARD DATA

ROUTES OR ENTRY: INHALATION-POSSIBLE, SKIN-POSSIBLE, INGESTION-POSSIBLE

HEALTH HAZARDS: THE TOXICITY OF THIS PRODUCT HAS NOT BEEN TESTED. BASED UPON GENERAL INFORMATION REGARDING SIMILAR MATERIALS, THE FOLLOWING EFFECTS MAY BE ANTICIPATED:

SYMPTOMS OF OVEREXPOSURE

IF IN EYES: SHORT TERM LIQUID OR VAPOR CONTACT MAY RESULT IN SLIGHT EYE IRRITATION. PROLONGED AND REPEATED CONTACT MAY BE MORE IRRITATING

IF ON SKIN: PROLONGED AND REPEATED LIQUID CONTACT CAN CAUSE DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS

IF INGESTED: LIQUID INGESTION MAY RESULT IN VOMITING; ASPIRATION OF VOMITUS INTO LUNGS MUST BE AVOIDED AS EVEN SMALL QUANTITIES IN THE LUNGS MAY RESULT IN CHEMICAL PNEUMONITIS AND PULMONARY EDEMA/HEMORRHAGE

IF INHALED: HIGH CONCENTRATIONS OR PROLONGED EXPOSURE TO LOWER CONCENTRATIONS MAY BE SLIGHTLY IRRITATING TO MUCOUS MEMBRANES

MEDICAL COND. AGGRAVATED BY EXP: EYE AND SKIN ALLERGIES

EMERGENCY FIRST AID

IF IN EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN, GET MEDICAL ATTENTION

IF ON SKIN: FLUSH WITH WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. FOLLOW BY WASHING WITH SOAP AND WATER. DO NOT REUSE CLOTHING OR SHOES UNTIL CLEANED. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

IF INGESTED: DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET MEDICAL ATTENTION

IF INHALED: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: LARGE SPILLS: ELIMINATE POTENTIAL SOURCES OF IGNITION. WEAR APPROPRIATE RESPIRATOR AND OTHER PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK ONLY IF SAFE TO DO SO. DIKE AND CONTAIN. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL; PLACE IN NON-LEAKING CONTAINERS AND SEAL TIGHTLY FOR PROPER DISPOSAL. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE; DISPOSE OF FLUSH SOLUTION AS ABOVE
SMALL SPILLS: TAKE UP WITH AN ABSORBENT MATERIAL AND PLACE IN NON-LEAKING CONTAINERS FOR PROPER DISPOSAL

WASTE DISPOSAL METHOD: PLACE IN A DISPOSAL FACILITY APPROVED UNDER RCRA REGULATIONS FOR HAZARDOUS WASTE. USE NON-LEAKING CONTAINERS, SEAL TIGHTLY AND LABEL PROPERLY
HAZARD: THIS PRODUCT IS AN "OIL" UNDER THE CLEAN WATER ACT. KEEP OUT OF SURFACE WATERS AND ANY WATER COURSES OR SEWERS ENTERING OR LEADING TO SURFACE WATERS.

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: LOCAL EXHAUST: NONE MECHANICAL (General): RECOMMENDED
SPECIAL: NONE OTHER: NONE

RESPIRATORY PROTECTION: NONE

PROTECTIVE GLOVES: RUBBER GLOVES

EYE PROTECTION: SAFETY GOGGLES

OTHER PROTECTIVE EQUIPMENT: NONE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: CAUTION: COMBUSTIBLE LIQUID. KEEP AWAY FROM HEAT AND OPEN FLAMES. KEEP CONTAINERS TIGHTLY CLOSED. STORE AWAY FROM STRONG OXIDIZING AGENTS IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. DO NOT WELD, HEAT OR DRILL ON OR NEAR CONTAINERS; EVEN EMPTIED CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS.

OTHER PRECAUTIONS: NONE

WORK/HYGIENIC PRACTICES: MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

IF CONTACT OCCURS, WASH NOW - DON'T WAIT!!

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Prepared By:

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