

MATERIAL SAFETY DATA SHEET

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : **MOLD & MILDEW REMOVER** ID NUMBER: 1280 PRODUCT USE/CLASS: MOLD REMOVER
MANUFACTURER: CHEMICAL UNIVERSE 1133 SALINE NORTH KANSAS CITY, MO 64116 EMERGENCY TELEPHONE: 800-424-9300
PREPARER: E. MALONE PHONE: 816-471-3602 PREPARE DATE: 12/01/04

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. PERCENT IS LESS THAN	TLV-TWA	TLV-STEL	PEL-TWA	SKIN DESIGNATION
SODIUM HYPOCHLORITE SOLUTION	7681-52-9	<5.0 %	NO INFO	NO INFO	NO INFO	YES

(See Section 11 for abbreviation legend)

SECTION III - PHYSICAL DATA

BOILING RANGE : 212 - 350 F VAPOR DENSITY : Is heavier than air ODOR : BLEACH SPECIFIC GRAVITY: 1.12
APPEARANCE : CLEAR LIQUID EVAPORATION RATE: Is slower than Ether SOLUBILITY IN H2O : COMPLETE

(See Section XI for abbreviation legend)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200 F LOWER EXPLOSIVE LIMIT: NA UPPER EXPLOSIVE LIMIT: NA
(TAGLIABUE CLOSED CUP)

EXTINGUISHING MEDIA: DRY CHEMICAL

UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS PRODUCT NONCOMBUSTIBLE. IT MAY DECOMPOSE RELEASING OXYGEN, INTENSIFYING THE FIRE. A STRONG OXIDIZER, IT MAY INITIATE COMBUSTION OF ORGANIC MATERIALS OR EXPLOSION OF FLAMMABLE LIQUIDS.

SPECIAL FIREFIGHTING PROCEDURES: COOL CONTAINERS IN VICINITY TO PREVENT OVERHEATING. FIREFIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE - EYE CONTACT: DESTRUCTIVE. CAN CAUSE IRRITATIONS OR BURNS.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: PROLONGED OR REPEATED CONTACT MAY CAUSE BURNS.

EFFECTS OF OVEREXPOSURE - INHALATION: EXCESSIVE INHALATION MAY DAMAGE RESPIRATORY TRACT.

EFFECTS OF OVEREXPOSURE - INGESTION: EXTREMELY CORROSIVE. LARGE QUANTITIES COULD CAUSE SEVERE PAIN.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: No Information.

FIRST AID - EYE CONTACT: FLUSH WITH WATER 15-30 MINUTES, LIFTING EYELIDS. GET MEDICAL ATTENTION.

FIRST AID - SKIN CONTACT: FLUSH WITH WATER 15 MINUTES. REMOVE CONTAMINATED CLOTHING. LAUNDRY BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

FIRST AID - INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

FIRST AID - INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER OR MILK. GET MEDICAL ATTENTION.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT SKIN ABSORPTION INHALATION

(Continued on Page 2)

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SECTION VI - REACTIVITY DATA

HAZARDOUS DECOMPOSITION PRODUCTS: No Information.

CONDITIONS TO AVOID: ACIDS OR AMMONIA SOLUTIONS. OXIDIZING OR REDUCING MATERIALS.

INCOMPATIBILITY: ACIDS, AMMONIA

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: WEAR APPROPRIATE PROTECTIVE AND RESPIRATORY EQUIPMENT. PREVENT SPILLS FROM ENTERING SEWERS, OR ANY UNAUTHORIZED WATER SYSTEMS. SPILL MAY BE ABSORBED ONTO APPROPRIATE ABSORBENT MATERIAL.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH APPROPRIATE FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: NIOSH/OSHA APPROVED RESPIRATOR TYPES SUITABLE FOR MATERIALS IN SECTION II RECOMMENDED. APPROVED CHEMICAL/MECHANICAL FILTERS RECOMMENDED WHEN VENTILATION IS RESTRICTED.

VENTILATION: SUFFICIENT VENTILATION, IN VOLUME AND PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGHI'S TLV LIMIT.

SKIN PROTECTION: HEAVY RUBBER GLOVES NEEDED.

EYE PROTECTION: CHEMICAL GOGGLES OR FACE SHIELD RECOMMENDED.

OTHER PROTECTIVE EQUIPMENT: PREVENT PROLONGED CONTACT. WEAR BOOTS AND IMPERVIOUS CLOTHING IF NECESSARY. EYE WASH, SAFETY SHOWER AVAILABLE.

HYGENIC PRACTICES: WASH AFTER EACH USE.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN A COOL DRY AREA. KEEP AWAY FROM SPARKS AND OPEN FLAMES.

OTHER PRECAUTIONS: OBEY ALL HAZARD WARNINGS WHEN CONTAINERS ARE EMPTIED.

SECTION X - HMIS RATINGS

HMIS RATINGS -	HEALTH: 2	FLAMMABILITY: 0	REACTIVITY: 1
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SECTION XI - OTHER REGULATIONS

SARA SECTION 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- CHEMICAL NAME ----- CAS NUMBER WT/WT % IS LESS THAN
No SARA Section 313 components exist in this product.

PREVIOUS MSDS REVISION DATE: 10/09/97

LEGEND: NA - Not Applicable, NE - Not Established, ND - Not Determined

The information contained on this MSDS is been checked and should be accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

<END OF MSDS>