

**CHEMAX**  
CORPORATION

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MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD (HSC) 29 CFR 1910, 1200, STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

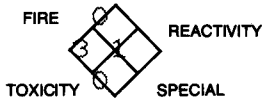
**MATERIAL SAFETY DATA SHEET**

**EMERGENCY PHONE 1-800-346-0132**

HMIS SYMBOL	
HEALTH	3
FLAMMABILITY	0
REACTIVITY	1

HMIS	NFPA
SEVERE 4	EXTREME
SERIOUS 3	HIGH
MODERATE 2	MODERATE
SLIGHT 1	SLIGHT
MINIMAL 0	INSIGNIFICANT

NFPA SYMBOL



**PRODUCT IDENTIFICATION:** B431 NEW IMAGE  
DATE: 01/02/03 MM

**SECTION I: HAZARDOUS INGREDIENTS**

CAS NUMBER	CHEMICAL NAME	%	TLV (PPM)
7681-52-9	SODIUM HYPOCHLORITE	10	N/A
28519-02-0	SURFACTANT	< 0.5	N/A

**SECTION II: PHYSICAL DATA**

BOILING POINT: 212 F  
 VAPOR PRESSURE: N/D  
 VAPOR DENSITY: N/D  
 SOLUBILITY IN WATER: COMPLETE  
 SPECIFIC GRAVITY: (H2O=1): 1.08  
 PERCENT VOLATILE BY VOLUME: N/D  
 EVAPORATION RATE: N/D  
 P H: N/D  
 APPEARANCE AND ODOR: CLEAR TO YELLOW LIQUID & CHARACTERISTIC ODOR

**SECTION III: FIRE AND EXPLOSION DATA**

FLASH POINT: N/A  
 FLAMMABLE LIMITS: N/A  
 EXTINGUISHING MEDIA: MEDIA SUITABLE FOR SURROUNDING FIRE SOURCE  
 SPECIAL FIREFIGHTING PROCEDURES:  
 PRESSURE DEMAND SELF-CONTAINED BREATHING APPARATUS IN CONFINED AREAS  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN

SECTION IV: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE:

SEVERE EYE AND SKIN IRRITANT; INHALATION CAN CAUSE SEVERE IRRITATION

EMERGENCY FIRST AID PROCEDURES:

SKIN: FLUSH W/COPIOUS AMTS OF WATER 15 MIN. GET MEDICAL AID IF PERSISTS.

EYES: FLUSH W/COPIOUS AMTS OF WATER 15 MIN. GET MEDICAL AID IF PERSISTS.

INGESTION: GIVE WATER. DO NOT INDUCE VOMITING.

GET IMMEDIATE MEDICAL ATTENTION.

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF PERSISTS.

SECTION V: REACTIVITY DATA

STABILITY DATA: UNSTABLE

INCOMPATIBILITY: ACIDS, AMMONIA, UREA, OXIDIZING AGENTS, METALS

HAZARDOUS DECOMPOSITIONN PRODUCTS: CHLORINE GAS, HYDROCHLORIC ACID,

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR HYDROCHLOROUS ACID

SECTION VI: SPILL OR LEAK PROCEDURES

SMALL SPILLS: CLEAN THE ENTIRE SPILL IMMEDIATELY. DISPOSE ACCORDING TO LOCAL/STATE/FEDERAL REGULATIONS.

LARGE SPILLS: CLEAN THE ENTIRE SPILL IMMEDIATELY. DISPOSE ACCORDING TO LOCAL/STATE/FEDERAL REGULATIONS.

AVOID BREATHING OF VAPORS AND ABSORPTION THROUGH SKIN.

FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON-RECLAIMABLE SPILLS.

SECTION VII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOMH/MHSA APPROVED RESPIRATOR

VENTILATION: MECHANICAL WHERE MISTS GENERATED

PROTECTIVE GLOVES: RUBBER

EYE PROTECTION: SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT:STANDARD WORK CLOTHING

WASH ALL CONTAMINATED ITEMS BEFORE REUSE

SECTION VIII: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

AVOID PROLONGED EXPOSURE TO HEAT OR LIGHT. PROTECT PRODUCT FROM FREEZING. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.

OTHER PRECAUTIONS: READ & FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. THEY ARE YOUR BEST GUIDE TO USING THIS PRODUCT IN THE MOST EFFECTIVE MANNER, AND THEY ALSO GIVE YOU THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.