

**CHEMAX**  
CORPORATION

**MATERIAL SAFETY DATA SHEET**

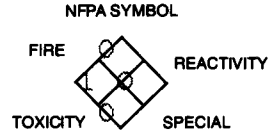
**EMERGENCY PHONE 1-800-346-0132**

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Phone (409) 866-4232 FAX (409) 866-4424

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

HMIS SYMBOL	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

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



**PRODUCT IDENTIFICATION:**

B429 ZIRCOLYTE  
DATE: 01/02/03

MM

**SECTION I: HAZARDOUS INGREDIENTS**

CAS NUMBER	CHEMICAL NAME	%	TLV (PPM)
7732-18-5	WATER	46.51	N/A
111-76-2	POTASSIUM FLUOROALKYL CARBOXYLATE (in solvent)	1.0	N/A
N/A	SILICONE EMULSION - 10%	1.0	N/A
111-77-3	DIETHYLENE GLYCOL METHYLETHER	2.0	N/A
111-90-0	DIETHYLENE GLYCOL MONOETHYL ETHER	2.0	N/A
78-51-3	TRIBUTOXYETHYL PHOSPHATE	1.0	N/A
26172-55-4	5-CHLORO-2-METHYL-4-ISOTHIAZOLINE-3-1	0.1	N/A
2682-20-4	2-METHYL-4-ISOTHIAZOLINE-3-ONE	0.5	N/A
N/A	ACRYLIC POLYMER	43.24	N/A
N/A	ALKALI SOLUBLE ACRYLIC RESIN - 35%	2.23	N/A
68491-17-8	NONIONIC POLYETHYLENE EMULSION	4.02	N/A
7664-41-7	AMMONIA	1.0	25
		<b>TOTAL</b>	<b>100%</b>

**SECTION II: PHYSICAL DATA**

BOILING POINT: 209 F  
 VAPOR PRESSURE: (PSIG @ 75 F): UNKNOWN  
 VAPOR DENSITY: UNKNOWN  
 SOLUBILITY IN WATER: EMULSION  
 SPECIFIC GRAVITY: (H2O=1): @ 75 F = 1.04  
 PERCENT VOLATILE BY VOLUME: 75%  
 EVAPORATION RATE: N/A  
 P H: N/A  
 APPEARANCE AND ODOR: MILKY-WHITE LIQUID & AMMONIA ODOR

**SECTION III: FIRE AND EXPLOSION DATA**

FLASH POINT: NO FLASH @ BOIL (C.C.)  
 FLAMMABLE LIMITS: N/A  
 EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, CARBON DIOXIDE  
 SPECIAL FIREFIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

SECTION IV: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE: POSSIBLE SKIN IRRITANT w/PROLONGED USE, EYE IRRITANT

EMERGENCY FIRST AID PROCEDURES:

SKIN: FLUSH SKIN WITH WATER

EYES: FLUSH EYES WITH WATER. IF IRRITATION PERSISTS, CALL PHYSICIAN.

INGESTION: DRINK LARGE VOLUMES OF MILK OR OTHER LIQUID.

CALL PHYSICIAN IMMEDIATELY.

INHALATION: N/A

SECTION V: REACTIVITY DATA

STABILITY DATA: STABLE

INCOMPATIBILITY: NONE

HAZARDOUS DECOMPOSITIONN PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI: SPILL OR LEAK PROCEDURES

SMALL SPILLS: WIPE UP PRODUCT. RINSE SOILED AREA WITH WATER DOWN THE DRAIN.

LARGE SPILLS: STOP LEAK AT THE SOURCE AND COLLECT INTO A SUITABLE CONTAINER. TREAT AS A SMALL SPILL.

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: DEPENDS ON VAPOR CONCENTRATION ABOVE TLV. USE A NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK.

VENTILATION: LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(s)

PROTECTIVE GLOVES: PROTECTIVE GLOVES FOR PROLONGED USE

EYE PROTECTION: SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT: ALL-PURPOSE CANISTER FOR CONFINED AREAS

SECTION VIII: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: ALWAYS STORE UNUSED PORTION IN ORIGINAL CONTAINER w/CAP SECURE. AVOID TEMPERATURE EXTREMES. IT CONTAINS AMMONIA AND ETHYLENE GLYCOL MONOBUTYL ETHER - SARA TITLE III, SECTION 313

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.