



**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		HMIS	NFPA	NFPA SYMBOL	
HEALTH	1	SEVERE 4	EXTREME 4		REACTIVITY
FLAMMABILITY	2	SERIOUS 3	HIGH 3		SPECIAL
REACTIVITY	0	MODERATE 2	MODERATE 2		
		SLIGHT 1	SLIGHT 1		
		MINIMAL 0	INSIGNIFICANT 0		

**PRODUCT IDENTIFICATION:** A183 BIO-STAT GF  
 DATE: 01/02/03 AR

**SECTION I: HAZARDOUS INGREDIENTS**

CAS NUMBER	CHEMICAL NAME	%	TLV (PPM)
5069-27-3	MONOCYCLIC TERPENE	10	N/E
9015-41-7	NONYLPHENOL ETHOXYLATE BLEND	2	N/E
75-28-5	ISOBUTANE/PROPANE BLEND	5-10	800
74-98-6			1000
7732-18-9	WATER	80-85	N/E

10% VOC 94.4 grams/liter VOC

**SECTION II: PHYSICAL DATA**

BOILING POINT: N/D  
 VAPOR PRESSURE: MAX = 60  
 VAPOR DENSITY: N/D  
 SOLUBILITY IN WATER: SOLUBLE  
 SPECIFIC GRAVITY: (H2O=1): 0.958  
 PERCENT VOLATILE BY VOLUME: N/A  
 EVAPORATION RATE: N/A  
 P H: N/A  
 APPEARANCE AND ODOR: WHITE FOAM & CITRUS FRAGRANCE

**SECTION III: FIRE AND EXPLOSION DATA**

FLASH POINT: NON-FLAMMABLE  
 FLAMMABLE LIMITS: NON-FLAMMABLE  
 EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER  
 SPECIAL FIREFIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
 DO NOT EXPOSE TO TEMPERATURES ABOVE 130 F OR CONTAINER MAY RUPTURE

SECTION IV: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE: INHALATION OF VAPORS MAY CAUSE HEADACHE, ASPHYXIA; DIZZINESS, ANESTHETIC EFFECTS, POSSIBLE UNCONSCIOUSNESS; SLIGHT IRRITANT TO EYES AND SKIN; POSSIBLE CHEMICAL PNEUMONITIS IF ASPIRATED INTO LUNGS

EMERGENCY FIRST AID PROCEDURES:

- SKIN: WASH WITH SOAP AND WATER. IF IRRITATED, SEE PHYSICIAN.
EYES: FLUSH WITH WATER LIFTING UPPER/LOWER LIDS. GET MEDICAL ATTENTION.
INGESTION: DILUTE WITH WATER. DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.
INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NECESSARY. GET IMMEDIATE MEDICAL ATTENTION.

SECTION V: REACTIVITY DATA

- STABILITY DATA: STABLE. AVOID OPEN FLAME, WELDING ARCS, HEAT.
INCOMPATIBILITY: STRONG OXIDIZERS
HAZARDOUS DECOMPOSITION PRODUCTS: MAY YIELD CO & CO2
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI: SPILL OR LEAK PROCEDURES

- SMALL SPILLS: SOAK UP ON APPROPRIATE ABSORBENT MATERIAL
LARGE SPILLS: AEROSOL CANS, WHEN EMPTIED AND DEPRESSURIZED THROUGH NORMAL USE, POSE NO DISPOSAL HAZARD AND SHOULD BE RECYCLED.
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: PROTECTION DEPENDS ON VAPOR CONCENTRATION ABOVE TLV. USE NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK.
VENTILATION: LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(s)
PROTECTIVE GLOVES: DISPOSABLE LATEX SUGGESTED
EYE PROTECTION: SAFETY GLASSES RECOMMENDED
OTHER PROTECTIVE EQUIPMENT: NONE

SECTION VIII: SPECIAL PRECAUTIONS

- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DO NOT PUNCTURE OR INCINERATE CONTAINERS. DO NOT STORE AT TEMPERATURES ABOVE 120 F. KEEP OUT OF REACH OF ALL CHILDREN. AVOID FOOD CONTAMINATION. AVOID BREATHING OF ALL VAPOR.
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.