



**CHEMAX**  
CORPORATION

P. O. Box 7453, Beaumont, TX 77726-7453  
Phone (409) 866-4232 FAX (409) 866-4424

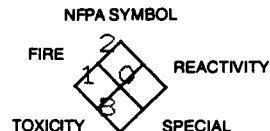
**MATERIAL SAFETY DATA SHEET**

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

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	2
REACTIVITY	0

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



**PRODUCT IDENTIFICATION:** A146 JEL DEGREASER  
DATE: 01/02/03 AR

**SECTION I: HAZARDOUS INGREDIENTS**

CAS NUMBER	CHEMICAL NAME	%	TLV (PPM)
5989-27-5	MONOCYCLIC TERPENE	60-70	N/E
75-28-5	ISOBUTANE	5-10	800
74-98-6	PROPANE	10-15	1000
68603-42-9	COCOAMIDE DIETHANOLAMINE	2-3	N/E
7732-18-5	WATER	3-5	N/A

65.63% VOC 525.6 grams/liter VOC

**SECTION II: PHYSICAL DATA**

BOILING POINT: N/A  
 VAPOR PRESSURE: 70 PSIG  
 VAPOR DENSITY: (AIR=1): 8  
 SOLUBILITY IN WATER: DISPERSIBLE  
 SPECIFIC GRAVITY: (H2O=1): .90  
 PERCENT VOLATILE BY VOLUME: N/A  
 EVAPORATION RATE: N/A  
 P H: N/A  
 APPEARANCE AND ODOR: ORANGE, THICK GEL & CITRUS ODOR

**SECTION III: FIRE AND EXPLOSION DATA**

FLASH POINT: N/A  
 FLAMMABLE LIMITS: N/E  
 EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE  
 SPECIAL FIREFIGHTING PROCEDURES:  
 TO PREVENT RUPTURING & BURSTING, USE WATER FOG TO COOL CONTAINERS  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: PROVIDE SHIELDING TO PROTECT PERSONNEL

SECTION IV: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE: INHALATION CAUSES HEADACHE/DIZZINESS; EYE IRRITATION; POSSIBLE DEFATTING OF THE SKIN; INGESTION MAY CAUSE CHEMICAL PNEUMONITIS IF ASPIRATED INTO THE LUNGS

EMERGENCY FIRST AID PROCEDURES:

SKIN: WASH WITH SOAP AND WATER

EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

INGESTION: GIVE SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

INHALATION: REMOVE TO FRESH AIR

SECTION V: REACTIVITY DATA

STABILITY DATA: STABLE. AVOID WELDING, HEAT, SPARKS, FLAMES.

INCOMPATIBILITY: OXIDANTS

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2, SMALL AMTS OF SULFUR DIOXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI: SPILL OR LEAK PROCEDURES

SMALL SPILLS: COVER WITH ABSORBENT MATERIAL AND SCOOP UP. FLUSH AREA WITH WATER TO PREVENT SLIPPING.

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: NOT NORMALLY NEEDED

VENTILATION: NORMAL ROOM VENTILATION

PROTECTIVE GLOVES: SOLVENT RESISTANT GLOVES

EYE PROTECTION: SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT: NONE

WASH WITH SOAP AND WATER AFTER CONTACT

SECTION VIII: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

KEEP AWAY FROM TEMPERATURES ABOVE 130 F. KEEP OUT OF 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.