

File Ant  
Killer

# MATERIAL SAFETY DATA SHEET

HEALTH-2 FLAMMABILITY-0 REACTIVITY-0 PERSONAL PROTECTION-B

IDENTITY: 2227 ATTACK - DATED: 11-01-97

SECTION I - MANUFACTURED FOR:  
PRO CHEM, INC. - 1475 BLUEGRASS LAKES PARKWAY - ALPHARETTA, GA. 30201 - EMERGENCY AND INFORMATION#: (800) 241-8180

## SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME: SODIUM METASILICATE.			
OSHA PEL: N.E.	ACGIH TLV: N.E.	% RAW MTL:	OTHER LIMITS:
CHEMICAL NAME: 2-BUTOXYETHANOL.			CAS#: 6834-92-0
OSHA PEL: 25 PPM(SKIN)	ACGIH TLV:	% RAW MTL: 8.	OTHER LIMITS:
			CAS#: 111-76-2.

## SECTION III - PHYSICAL DATA

BOILING POINT: >212 DEG. F.	APPEARANCE: CLEAR BLUE LIQUID WITH CHARACTERISTIC ODOR.
SOLUBILITY: COMPLETE	SPECIFIC GRAVITY (H20=1): 1.07
VAPOR PRESSURE (MMHG): UKN.	MELTING POINT:
VAPOR DENSITY (AIR=1): UKN.	EVAPORATION RATE(B.ACETATE): UKN.

## SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: NONE	METHOD USED:
FLAMMABILITY LIMIT: N.A.	LEL:
EXTINGUISHING MEDIA: AS REQUIRED BY SURROUNDING FIRE.	UEL:
SPECIAL FIGHTING PROCEDURES: WEAR SELF-CONTAINED FULL-FACE BREATHING APPARATUS.	
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN.	

## SECTION V - REACTIVITY DATA

STABILITY: STABLE.	CONDITIONS TO AVOID: EXTREME TEMPERATURES.
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS AND OXIDIZERS.	
HAZARD OF DECOMPOSITION OR BYPRODUCTS: CO, CO2.	
HAZARD OF POLYMERIZATION: NO.	CONDITIONS TO AVOID: NONE.

## SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY:	INHALATION? Y.	SKIN? Y.	INGESTION? Y.	EYES? Y.
HEALTH HAZARDS (ACUTE AND CHRONIC):	MODERATE TO SEVERE IRRITATION AND POSSIBLE TISSUE DAMAGE TO EYES DEPENDING ON EXPOSURE. NAUSEA, VOMITING AND DIARRHEA MAY OCCUR UPON INGESTION. PROLONGED SKIN CONTACT MAY CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS.			
CARCINOGENICITY: N.	NTP? N.	IARC MONOGRAPHS? N.	OSHA REGULATED? N.	
SIGNAL WORD AND SYMPTOMS OF EXPOSURE:				
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:				
EMERGENCY AND FIRST AID PROCEDURES:	INHALATION: MOVE TO FRESH AIR, CONSULT PHYSICIAN IF SYMPTOMS PERSIST. INGESTION: GIVE LARGE QUANTITIES OF WATER THEN SEVERAL GLASSES OF MILK. INDUCE VOMITING, GET MEDICAL ATTENTION IMMEDIATELY. EYES: FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES LIFTING THE EYELIDS OCCASIONALLY, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING AND WASH WITH PLENTY OF SOAP AND WATER.			

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CONTAIN LARGE SPILLS AND PUMP TO RECOVER, SMALL SPILLS CAN BE MOPPED UP, FLUSH CONTAMINATED AREA WITH WATER.

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE IN A COOL, DRY PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

OTHER PRECAUTIONS: OVEREXPOSURE TO 2-BUTOXYETHANOL MAY CAUSE KIDNEY, LIVER & RED BLOOD CELL INJURY, MAY PENETRATE SKIN.

## SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): ONLY W/O ADEQUATE VENTILATION.	
VENTILATION: EQUIVALENT TO OUTDOORS	LOCAL EXHAUST: Y.
SPECIAL:	MECHANICAL (GENERAL): N.
PROTECTIVE GLOVES: RECOMMENDED.	OTHER LIMITS: NONE.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	EYE PROTECTION: RECOMMENDED
WORK & HYGIENIC PRACTICES: WASH HANDS THOROUGHLY AFTER USE.	

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

OTHER PRECAUTIONS:

## SECTION 313 SUPPLIER NOTIFICATION

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372:

2-BUTOXYETHANOL, CAS# 111-76-2, % BY WEIGHT: 8%

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

