

MATERIAL SAFETY DATA SHEET

HEALTH-1 FLAMMABILITY-1 REACTIVITY-0 PERSONAL PROTECTION-

IDENTITY: 3607 KON KLEEN - DATED: 11-01-94

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 METASILTE.

OSHA PEL: 2MGM3.

ACGIH TLV: 2MGM3.

% RAW MTL: 1-5.

OTHER LIMITS:

CAS #: 6834-92-0.

CHEMICAL NAME: 2-BUTOXYETHANOL.

OSHA PEL: 25 PPM (SKIN).

ACGIH TLV:

% RAW MTL:

OTHER LIMITS:

CAS #: 111-76-2.

*ALL INGREDIENTS IN THIS PRODUCT ARE LISTED IN THE T.S.C.A. INVENTORY.

SECTION III - PHYSICAL DATA

BOILING POINT: NA.

APPEARANCE: ORANGE POWDER, MAKES GREEN SOLUTION. SOLVENT ODOR.

SOLUBILITY: COMPLETE.

SPECIFIC GRAVITY (H20=1): NA.

VAPOR PRESSURE (MMHG): NA.

MELTING POINT: NA.

VAPOR DENSITY (AIR=1): NA.

EVAPORATION RATE(B.ACETATE=1): NA.

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: NONE.

METHOD USED: TCC.

FLAMMABILITY LIMIT: NA.

LEL: NA.

UEL: NA.

EXTINGUISHING MEDIA: AS REQUIRED BY SURROUNDING FIRE.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED FULL-FACED BREATHING APPARATUS..

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN.

SECTION V - REACTIVITY DATA

STABILITY: STABLE.

CONDITIONS TO AVOID: EXTREME TEMPERATURES..

INCOMPATIBILITY (MATERIALS TO AVOID): STRING ACIDS AND OXIDIZERS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO, CO2.

HAZARDOUS POLYMERIZATION: NO..

CONDITIONS TO AVOID: NONE.

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION?

SKIN?

INGESTION?

EYES?

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.

SIGNS AND SYMPTOMS OF EXPOSURE:

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

EMERGENCY AND FIRST AID PROCEDURES: INHALATION -MOVE TO FRESH AIR. CONSULT PHYSICIAN IF SYSTEMS PERSIST. INGESTION - GIVE LARGE QUANTITIES OF WATER THEN SEVERAL GLASSES OF MILK. GET MEDICAL ATTENTION IMMEDIATELY. INDUCE VOMITING. 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 WATER AND SOAP.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: KEEP WATER AWAY FROM SPILL. SWEEP AND SCOOP TO RECOVER.

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 CONTAINERS CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

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

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): DUST MASK IF NECESSARY.

VENTILATION:

LOCAL EXHAUST:

MECHANICAL (GENERAL):

USE ADEQUATE VENTILATION.

SPECIAL:

OTHER:

PROTECTIVE GLOVES: RECOMMENDED.

EYE PROTECTION: RECOMMENDED.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

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