

## MATERIAL SAFETY DATA SHEET

## SECTION I - IDENTIFICATION OF PRODUCT

TRADE NAME : [PRO DIS LEMON DISINFECTANT  
 CHEMICAL FAMILY: DISINFECTANT/CLEANER  
 DATE PREPARED : 01-01-2001  
 DOT CLASS: DISINFECTANTS, LIQUID, CORROSIVE N.O.S., 8, UN1903  
 II (CONTAINS QUATERNARY AMMONIUM CHLORIDES)

## SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV	OTHER LIMITS %
QUATERNARY AMMONIUM CHLORIDE COMPOUND	N.E.	N.E.	MIXTURE

## SECTION 313 - SUPPLIER NOTIFICATION

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT : >212F  
 SPECIFIC GRAVITY (H20=1) : 1.04  
 SOLUBILITY IN WATER : COMPLETE  
 APPEARANCE : CLEAR YELLOW LIQUID  
 ODOR : PLEASANT LEMON FRAGRANCE  
 VAPOR PRESSURE (mmHg) : UKN  
 VAPOR DENSITY (Air=1) : UKN  
 EVAPORATION RTE (Butyl Act=1): UKN

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : NONE  
 EXTINGUISHING MEDIA : AS REQUIRED BY SURROUNDING FIRE  
 SPECIAL FIRE FIGHTING PROCEDURES:  
 WEAR SELF-CONTAINED FULL-FACE BREATHING APPARATUS.

UNUSUAL HAZARDS :  
 NONE KNOWN

## SECTION V - REACTIVITY DATA

STABILITY : STABLE  
 CONDITIONS TO AVOID : EXTREME TEMPERATURES  
 POLYMERIZATION : WILL NOT OCCUR  
 CONDITIONS TO AVOID : NONE  
 INCOMPATIBLE MATERIALS : STRONG ACIDS AND OXIDIZERS

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS  
 CO, CO2

## SECTION VI - HEALTH HAZARDS DATA

THRESHOLD LIMIT VALUE : NOT ESTABLISHED  
 CARCINOGENICITY :  
 NTP : NO  
 IARC MONOGRAPHS : NO  
 OSHA REGULATED : NO

## HEALTH HAZARDS ACUTE/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.

## EMERGENCY 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.

## EYE CONTACT:

FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES  
 LIFTING THE EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION.

## SKIN CONTACT:

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 TAKE IN HANDLING &amp; STORAGE:

STORE IN A COOL, DRY PLACE. KEEP CONTAINER CLOSED  
 WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

## OTHER PRECAUTIONS:

## SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION : ONLY W/O ADEQUATE VENTILATION  
 VENTILATION : EQUIVALENT TO OUTDOORS  
 PROTECTIVE GLOVES : RECOMMENDED  
 EYE PROTECTION : RECOMMENDED  
 OTHER PROTECTIVE MEASURES :  
 WASH HANDS THOROUGHLY AFTER USE.

Manufactured for:  
 PRO PAC INC.  
 5601 RIVERS AVE.  
 CHARLESTON, SC.

29406

EMERGENCY PHONE#: 800-535-5053

DISCLAIMER: THE MANUFACTURER BELIEVES THAT THE INFORMATION CONTAINED  
 ON THIS MATERIAL SAFETY DATA SHEET IS ACCURATE. THE SUGGESTED  
 PROCEDURES ARE BASED ON EXPERIENCE AS OF DATE OF PUBLICATION.  
 THEY ARE NOT NECESSARILY ALL INCLUSIVE NOR FULLY ADEQUATE IN  
 EVERY CIRCUMSTANCE. ALSO, THE SUGGESTIONS SHOULD NOT BE CONFUSED  
 WITH, NOR FOLLOWED IN VIOLATION OF APPLICABLE LAWS, REGULATIONS  
 RULES OR INSURANCE REQUIREMENTS.