

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: PRO SAN
Manufacturer: PEERLESS QUALITY PRODUCTS, INC.
 12416 CLOVERDALE, DETROIT, MI 48204
Emergency Telephone: 313-933-7525
Preparer's Name: HENRY P. GREENE
Title: TECHNICAL DIRECTOR
Date Prepared: 1/19/2004
Supersedes Date: 11/16/99

SECTION 2 - COMPOSITION INFORMATION ON INGREDIENTS

Chemical Name:	Chemical Name
Octyl decyl dimethyl ammonium chloride	Alkyl dimethyl benzyl ammonium chloride
CAS #: 32426-11-2	CAS # 68424-85-1
% W: 2.250	% W: 3.0
Diocetyl dimethyl ammonium chloride	Didecyl dimethyl ammonium chloride
CAS# 5538-94-3	CAS # 7173-51-5
% W: 1.125	% W: 1.125
Exposure Limit: not established	not established
Carcinogen: None	None

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview
Physical Appearance/odor: Water white, clear-quat odor
Warning Statements: Causes eye irritation, burns
 May cause skin irritation, burns
Primary Routes of Entry
Eyes: Causes irritation, corrosive
Skin: May cause irritation, burns
Inhalation: Mist of concentrate may cause irritation
Ingestion: May cause nausea, vomiting, diarrhea, irritation
Medical Conditions Aggravated: Not available

SECTION 4 - FIRST AID MEASURES

Eyes: Flush with water for 15 minutes and see physician immediately
Skin: Flush with water for 15 minutes, if irritation persists, see physician immediately
Inhalation: Remove to fresh air, see physician immediately
Ingestion: DO NOT INDUCE VOMITING. Give large amounts of water or milk and see physician immediately

SECTION 5 - FIRE-FIGHTING MEASURES

Flash Point: >200° F
Method Used: PMC
Flammable Limits: None Determined LEL: UEL:
Fire Extinguishing Media: Water Fog, Alcohol Foam, Dry Chemical, CO₂
Fire or Explosion Hazards: None
Special Fire Fighting Procedures: Use SCBA and protective clothing
 Use full bunker gear where warranted
 Products of combustion are toxic.
NFPA
Health Hazard:
Flammability: 2
Reactivity: 0
Special Hazards: 0

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps to be taken if released or spilled: Dike and absorb with inert material
Environmental Impact: N/A
Secondary Hazards: A spill or leak may result in a slippery floor.

SECTION 7 - HANDLING AND STORAGE

Storage Precautions: Keep from freezing
Handling Precautions: Keep lids tightly closed

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

CONTROL MEASURES: Normal
Personal Protective Equipment
Respiratory: None
Eyes: Safety glasses with side shield

Gloves: Latex/Neoprene
Special Clothing: Long sleeved, full clothing
Other: None

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: (Water = 1) 0.99
Density: (Lbs/gal) 8.21
VOC(Lbs/Gal)
THEORETICAL:
Ethyl Alcohol 0.12 lbs gal
CAS #64-17-5
pH @ Concentrate: 6.0-9.0
Boiling Point: 212°F
Vapor Density (Air=1) >1
Vapor Pressure @ _____
F _____ mm Hg psi: None Determined
% Solid By Weight: 0
Evaporation Rate (Water=1): >1
Solubility in water: 100%
Viscosity: <10 cps
Appearance and Odor: Water white, clear - quat odor
Material State: Liquid

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable
Hazardous Material Release/Normal Processes: None
Physical Stresses To Avoid: None
Incompatible Materials: Strong acids, oxidizing agents
Hazardous Decomposition Products: None
Hazardous polymerization: Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

Health Effects-Hazardous Constituents: Oral LD₅₀ (rat) 356 mg/kg
 Dermal LD₅₀ (rabbit): 645 mg/kg
Primary skin – Severe Irritant, Corrosive
Primary eye - Corrosive

SECTION 12 - ECOLOGICAL INFORMATION

Environmental Effects: Not Available

SECTION 13 - DISPOSAL MEASURES

Waste Disposal Method: See Local, State and Federal Regulations

SECTION 14 - TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Disinfectant, Corrosive Liquid, (Contains Dimethyl Benzyl Ammonium Chloride, Dimethyl Ammonium Chloride)
Hazard class: 8
Identification No: UN1903
Packing group: III
Label/Placard: Corrosive

SECTION 15 - REGULATORY INFORMATION

EPCRA (SARA TITLE III) 302 EXTREMELY HAZARDOUS SUBSTANCE. CHEMICALS LISTED: NONE
EPCRA (SARA TITLE III) 311/312 CHEMICALS LISTED: NONE
EPCRA (SARA TITLE III) 313 CHEMICALS SUBJECT TO REPORTING ARE: NONE
CERCLA-requires notification to the National Response Center of release of quantities of Hazardous Substance equal to or greater than the reportable quantities in 40 CFR 302.4 CHEMICALS LISTED ARE: NONE
All ingredients of this product are listed on the TSCA Inventory RCRA HAZARDOUS WASTE NO. (40 CFR 261.33): NONE

SECTION 16 - OTHER INFORMATION

References: EPA List of Lists
Recommended Uses: Sanitizer