

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: MICRO KLEEN
Manufacturer: PEERLESS QUALITY PRODUCTS, INC.
 12416 CLOVERDALE, DETROIT, MI 48204
 313-933-7525

Emergency Telephone:

Preparer's Name: HENRY P. GREENE
Title: TECHNICAL DIRECTOR
Date Prepared: 1/16/04
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SECTION 2 - COMPOSITION INFORMATION ON INGREDIENTS

Chemical Name: alkyl dimethyl alkyl dimethyl ethylbenzyl
 benzyl ammonium chloride ammonium chloride
CAS #: 68391-01-5 68956-79-6
% W: 1.6 1.6
Exposure Limit: not established not established
Carcinogen: None None

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview

Physical Appearance/odor: Clear, green-Mint odor
Warning Statements: Causes eye irritation
 May cause skin irritation

Primary Routes of Entry

Eyes: Causes irritation
Skin: May cause irritation
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: 1
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:

Eyes: None
Gloves: Safety glasses with side shields
Special Clothing: Latex/Neoprene
Other: Long sleeved, full clothing
 None

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: (Water = 1) 1.04
Density: (Lbs/gal) 8.67
VOC(Lbs/Gal): 0.1 lbs/gal
THEORETICAL:

Pine Oil/CAS 8002-09-3

pH @ Concentrate: 11.0±.05
Boiling Point: 212°F
Vapor Density (Air=1): >1
Vapor Pressure @ _____: None Determined
F _____ mm Hg psi:
% Solid By Weight: 2%
Evaporation Rate (Water=1): >1
Solubility in water: 100%
Viscosity: <10 cps
Appearance and Odor: Clear, green-mild 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: Not Available

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: Compounds, Cleaning Liquid
Shipping classification: None
Hazard class: None
Identification No: None
Packing group: None

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: Sodium tripolyphosphate 5000 lbs 45,000 to match or
exceed RQ

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: Disinfectant