

Spartan

E2 HAND WASH & SANITIZER

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label): E2 HAND WASH & SANITIZER
 Product Division: Janitorial
 Product Number: 3056
 Spartan Chemical Company, Inc.
 1110 Spartan Drive
 Maumee OH 43537
 Product/Technical Information: 1-(800)-537-8990
 Medical Emergency: 1-(888)-314-6171 (24 hours)
 Chemical Leak/Spil Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)
 Shipping Description: Cleaning compounds, liquid, n.o.s.

NFPA Ratings:
 Health: 1- Slight
 Fire: 0 - Minimal
 Reactivity: 0 - Minimal

HMIS Ratings:
 Health: 1- Slight
 Fire: 0 - Minimal
 Reactivity: 0 - Minimal
 Pers. Prot. Equip: A - Safety Glasses

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	% W	CAS Registry No.
Alkyl dimethyl benzyl ammonium chloride Table Z- 1 - A TWA mg/m3: Not Established STEL mg/m 3: Not Established CEILING mg/m3: Not Established Carcinogen: No	1.25	68391-01-5
Alkyl dimethyl ethyl benzyl ammonium chloride Table Z- 1 - A TWA mg/m3: Not Established STEL mg/m 3: Not Established CEILING mg/m3: Not Established Carcinogen: No	1.25	68956-79-6

SECTION III: PHYSICAL DATA

Boiling Point: 210 deg F
 Vapor Pressure: 17 mm Hg @ 75 deg F
 Vapor Density (AIR = 1): Unknown
 Solubility in Water: Complete
 pH: 6.0-7.0
 Specific Gravity (H2O=1): 1.00
 Evaporation Rate (but.ace.=1): <1
 Percent Solid by Weight: 7-8
 Physical State: Liquid
 Appearance & Odor: Colorless to slightly yellow liquid, slight amine odor

4 SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: None
 Method Used: ASTM-D56
 Flammable Limits: N/A
 Flame Extension: N/A
 Extinguishing Media: N/A
 Special Fire Fighting Procedures: N/A
 Unusual Fire & Explosive Hazards: N/A

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established
 Primary Routes of Entry: Skin Contact, Eyes
 Effects of Overexposure-Conditions to Avoid: Causes eye irritation. Harmful if swallowed. Do not get into eyes.
 Do not swallow. Avoid contamination of food.
 Conditions Aggravated by Use: Unknown
 Emergency & First Aid Procedures:
 Eyes: In case of contact; immediately flush eyes with water for at least 15 minutes. Remove contact lenses; call a physician.

SECTION VI: REACTIVITY DATA

Stability: Stable
 Incompatible Materials: Strong oxidizers
 Hazardous Decomposition Products: None known
 Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:
 Flush with water through normal sanitary system.
 Waste Disposal Method: Same as above

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not necessary
 Ventilation: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
 Protective Gloves(Specify Type): Not necessary
 Eye Protection(Specify Type): Not necessary
 Other Protective Equipment: None required

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: Keep from freezing. Do not store at temperatures above 120 deg F.
 Other Precautions: None
 Name: Ronald T. Cook
 Title: Manager, Regulatory Affairs
 Effective Date: 11/05/99
 Supercedes: 09/23/99
 Ref: 29 CFR 1910.1200 (OSHA)
 Changes: Section II correction

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