

Spartan Chemical Company, Inc.
Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label): Product Division:

CONSUME ECO-LYZER Product Number: 3297 Janitorial

Spartan Chemical Company, Inc. Product/Technical Information: 1-(800)-537-8990

1110 Spartan Drive Medical Emergency: 1-(888)-314-6171 (24 hours)

Maumee OH 43537 Chemical Leak/Spill Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description: Cleaning compounds, liquid, n.o.s.

NFPA Ratings: HMIS Ratings:

Health: 3 - Serious Health: 3 - Serious

Fire: 0 - Minimal Fire: 0 - Minimal

Reactivity: 0 - Minimal Reactivity: 0 - Minimal

Pers. Prot. Equip.: See Section VIII

SECTION II: HAZARDOUS INGREDIENTS

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(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. Table Z- 1 - A NTP, IARC or OSHA Carcinogen

TWA mg/m³ STEL mg/m³ CELING mg/m³

Dialkyl dimethyl ammonium chloride 1-5 68424-95-3 Not Established Not Established Not Established
No

Alkyl dimethyl benzyl ammonium chloride 1-5 68424-85-1 Not Established Not Established Not
Established No

Alcohol ethoxylate 1-5 34398-01-1 Not Established Not Established Not Established No

Ethyl alcohol 1-5 64-17-5 1900 (ACGIH) Not Established Not Established No

Viable bacterial cultures NA NA Not Established Not Established Not Established No

SECTION III: PHYSICAL DATA

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Vapor Density (AIR = 1): Unknown Solubility in Water: Complete

pH: 6-7 Specific Gravity (H₂O=1): 0.99 (8.27 lbs/gal.)

Evaporation Rate (but.ace.=1): <1 Percent Solid by Weight: 5-10

Physical State: Liquid

Appearance & Odor: Teal Color, Floral-Powder Fragrance

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: >212 °F Method Used: ASTM-D56

Flammable Limits: Not Established Flame Extension: N/A

Extinguishing Media: Product does not support combustion. Use extinguishing media appropriate for surrounding fire.

Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.

Unusual Fire & Explosive Hazards: Combustion products are toxic.

SECTION V: HEALTH HAZARD DATA Threshold Limit Value:

Not established Primary Routes of Entry: Inhalation, Skin Contact, Eyes; Oral

Effects of Overexposure-

Conditions to Avoid: CORROSIVE.

CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS: Symptoms may include pain, redness, swelling and tissue damage. Harmful if absorbed through the skin.

MAY BE HARMFUL IF SWALLOWED. Symptoms may include nausea, vomiting, pain and diarrhea.

MAY BE FATAL OR CAUSE RESPIRATORY IRRITATION IF INHALED.

Breathing spray mist may cause coughing and difficulty breathing.

Do not get in eyes, skin or clothing. Do not taste or swallow. Do not breathe product vapor or mist. The bacterial cultures in this product may cause infection if they come in contact with open wounds; broken skin or mucous membranes. Wash thoroughly with soap and water after handling.

Conditions Aggravated by Use: Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis. Individuals with impaired immune systems or function may be especially susceptible to infection by microorganisms including the bacteria used in this product.

Emergency & First Aid Procedures: Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present after the first five minutes; then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. Apply topical antiseptic agent to open wounds or broken skin. Wash contaminated clothing before reuse.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation: Move person to fresh air. If person is not breathing; call 911 or an ambulance then give artificial respiration; preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

SECTION VI: REACTIVITY DATA

Stability: Stable Incompatible Materials: Strong oxidizers

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case

Material is Released or Spilled: Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (If permitted by local sewer regulations). Dike and contain large spills with inert material and transfer liquid to containers for recovery or disposal.

Waste Disposal Method: Same as above. Container disposal: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, burn. If burned, stay out of smoke.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not normally required when good general ventilation is provided. However, if respiratory irritation occurs, use of a NIOSH approved respirator suitable for the use-conditions and chemicals in Section II should be considered.

Ventilation: Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.

Protective Gloves(Specify Type): Rubber or other water-proof gloves are recommended.

Eye Protection(Specify Type): Splash goggles are recommended to prevent eye contact.

Other Protective Equipment: Eye wash stations and washing facilities should be readily accessible in areas where undiluted product is handled.. See 29 CFR 1910.132-138 for further guidance.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: Keep from freezing. Wash thoroughly with soap and water after handling.

Note: Do not use this product on food contact surfaces in preparation or storage areas. Do not use this product on food utensils; dishes or glasses. Do not use this product in patient healthcare areas.

Other Precautions: Keep out of reach of children.

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CONSUME ECO-LYZER Effective Date: 09/22/2008 Supercedes: 06/30/2005

Ref: 29 CFR 1910.1200 (OSHA) Changes: Review

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