

MSDS Document for CONSUME ECO-LYZER



Spartan Chemical Company, Inc.

Material Safety Data Sheet

▼ SECTION I: PRODUCT INFORMATION

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

CONSUME ECO-LYZER

Product Number: 3297

Spartan Chemical Company, Inc.

1110 Spartan Drive

Mauwsee OH 43537

Product Division:

Janitorial

Product/Technical
Information: 1-(800)-537-8990

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

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

Shipping Description: Cleaning compounds, liquid, n.o.s.	
NEPA Ratings:	HMIS Ratings:
Health: 3 - Serious	Health: 3 - Serious
Fire: 0 - Minimal	Fire: 0 - Minimal
Reactivity: 0 - Minimal	Reactivity: 0 - Minimal
	Perz. Prot. Equip.: See Section VIII

▼ 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.	Table Z-1 - A			Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Dialkyl dimethyl ammonium chloride	NA	68424-95-3	Not Established	Not Established	Not Established	No
Alkyl dimethyl benzyl ammonium chloride	NA	68424-85-1	Not Established	Not Established	Not Established	No
Alcohol ethoxylate	NA	34398-01-1	Not Established	Not Established	Not Established	No
Ethyl alcohol	NA	64-17-5	1900 (ACGIH)	Not Established	Not Established	No
Viable bacterial cultures	NA	NA	Not Established	Not Established	Not Established	No

MSDS Document for CONSUME ECO-LYZER

SECTION III: PHYSICAL DATA

Boiling Point:	212 °F	Vapor Pressure:	Unknown
Vapor Density (AIR = 1):	Unknown	Solubility in Water:	Complete
pH:	6-7	Specific Gravity (H ₂ O=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:	>200 °F	Method Used:	ASTM-D56
Flammable Limits:	Not Established	Flame Extension:	N/A
Extinguishing Media:	Carbon dioxide, dry chemical, synthetic foam or water.		
Special Fire Fighting Procedures:	Use self-contained breathing apparatus for maximum respiratory protection. Water may be used to cool containers if not ruptured or leaking.		
Unusual Fire & Explosive Hazards:	NA		

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. Harmful if absorbed through the skin. May be fatal if inhaled. May be harmful if swallowed. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray mist. Do not swallow. The bacterial cultures in this product may cause infection if they come in contact with open wounds; broken skin or mucous membranes.		
Conditions Aggravated by Use:	Preexisting skin; eye and respiratory conditions. May affect people with asthma. 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

MSDS Document for CONSUME ECO-LYZER

▼ 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 quantities may be flushed into sanitary sewer. Larger quantities should be picked up with absorbent material and disposed of in accordance with state and local regulations.
Waste Disposal Method:	Same as above.

▼ SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Wear a dust/mist filtering respirator (MSHA/NIOSH approval prefix TC-21C) or a NIOSH approved respirator with any N, R, P or HE filter when handling the concentrated product. Use of a respirator is not required when using product which has been diluted according to the directions for use.
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves (Specify Type):	Rubber or other waterproof gloves
Eye Protection (Specify Type):	Goggles
Other Protective Equipment:	Protective clothing such as an impervious apron may be useful to prevent skin contact when handling the concentrated product.

▼ SECTION IX: SPECIAL PRECAUTIONS

Precautions, Handling & Storing:	Keep from freezing. Wash thoroughly with soap and water after handling. Keep out of reach of children.
Other Precautions:	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 or in areas frequented by individuals with impaired immune systems or function.

© SCC 10/08/2001
CONSUME ECO-LYZERName: Ronald T. Cook
Effective 10/08/2001Title: Manager, Regulatory Affairs
Supersedes: 07/05/2001Ref: 29 CFR 1910.1200
(OSHA)

Changes: Update Sections V & IX

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond sellers control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State and Local laws and regulations.



Spartan Chemical Company, Inc. Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
CONSUME ECO-LYZER
Product Number: 3297

Product Division:
Janitorial

Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee OH 43537

Product/Technical Information: 1-(800)-537-8996
Medical Emergency: 1-(800)-314-6171 (24 hours)
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 Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 3 - Serious Fire: 0 - Minimal Reactivity: 0 - Minimal Pars. Prot. Equip.: See Section VIII

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.

Table 2.1-A						
Chemical Name(s)	MW	CAS Registry No.	TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	Carcinogen
Dialkyl dimethyl ammonium chloride	NA	68424-95-3	Not Established	Not Established	Not Established	No
Alkyl dimethyl benzyl ammonium chloride	NA	68424-85-1	Not Established	Not Established	Not Established	No
Alcohol amoxylate	NA	34398-01-1	Not Established	Not Established	Not Established	No
Ethyl alcohol	NA	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

Boiling Point: 212 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 6-7	Specific Gravity (H ₂ O=1): 0.99 (8.27 lbs/gal.)
Evaporation Rate (butyl acetate = 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: >200 °F	Method Used: ASTM D56
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: Carbon dioxide, dry chemical, synthetic foam or water.	
Special Fire Fighting Procedures: Use self-contained breathing apparatus for maximum respiratory protection. Water may be used to cool containers if not ruptured or leaking.	
Unusual Fire & Explosive Hazards: NA	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value	Not established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes, Oral
Effects of Overexposure:	Corrosive. Causes irreversible eye damage and skin burns. Harmful if absorbed through the skin. May be fatal if inhaled. May be harmful if swallowed. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray mist. Do not swallow. The bacterial cultures in this product may cause infection if they come in contact with open wounds, broken skin or mucous membranes.		
Conditions to Avoid:			
Conditions Aggravated by Use:	Preexisting skin, eye and respiratory conditions. May affect people with asthma. 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.		
Note to Physician:	Probable mucosal damage may contraindicate the use of gastric lavage.		

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 quantities may be flushed into sanitary sewer. Larger quantities should be picked up with absorbent material and disposed of in accordance with state and local regulations.
Waste Disposal Method:	Same as above.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Wear a dust/mist filtering respirator (MSHA/NIOSH approval prefix TC-21C) or a NIOSH approved respirator with any N, R, P or HE filter when handling the concentrated product. Use of a respirator is not required when using product which has been diluted according to the directions for use.
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves (Specify Type):	Rubber or other waterproof gloves
Eye Protection (Specify Type):	Goggles
Other Protective Equipment:	Protective clothing such as an impervious apron may be useful to prevent skin contact when handling the concentrated product.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storage:	Keep from freezing. Wash thoroughly with soap and water after handling. Keep out of reach of children.
Other Precautions:	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 or in areas frequented by individuals with impaired immune systems or function.

© SCC 10/08/2001

CONSUME ECOLOGY

Ref: 29 CFR 1910.1206 (OSHA)

Name: Ronald T. Cook

Effective Date: 10/08/2001

Changes: Update Sections V & IX

Title: Manager, Regulatory Affairs

Supersedes: 07/05/2001

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State and Local laws and regulations.