

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

SECTION 1 - PRODUCT IDENTIFICATION

Distributor	Alpha Chemical & Janitorial Supply, Inc.	Emergency Phone	(941) 261-0660
Address	961 Third Avenue North, Naples, FL 33940		
Product Name	ALPHA ZYMES	Product Type	Enzymatic Foul Odor Digester

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Viable Bacterial Cultures	N/A		N/A
Nonylphenolpolyethoxyethanol	9016-45-9		Not Established
NOTE: Organisms used are non-pathogenic, but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly used antibiotics.			

Other ingredients in this product are: ☒ Less than 1% by weight or less than 0.1% for carcinogens ☒ Not hazardous ☒ Declared to be Trade Secret

SECTION 3 - PHYSICAL DATA

Boiling point(F.)	Near 212	Specific Gravity(H ₂ O=1.0) (± 0.005)	1.000	pH (± 0.5)	5.50
Vapor Pressure(mm Hg)	Unknown	Vapor Density(Air=1)	Unknown		
Solubility in water	☒ Complete ☐ Insoluble	☐ Emulsifiable (or Dispersible)	☐ Slight (or Partial)		
Evaporation Rate(vs. H ₂ O)	☐ Faster ☐ Slower	☒ About the Same			
Appearance and Odor	White opaque liquid, pleasant odor.				

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point(T.C.C.)	°F ☒ None to Boiling	Flammable Limits	Upper	Unknown	Lower	Unknown
Extinguishing Media	CO ₂ , dry chemical, foam, water spray.					
Special Firefighting Procedures	Do not enter confined fire spaces without protective clothing and self-contained air supply.					
Unusual Fire and Explosion Hazards	None known.					

SECTION 5 - REACTIVITY DATA

Stability	Stable	Incompatibility	Strong oxidizers
Hazardous Decomposition Products	Carbon monoxide and other unidentified organic gases may occur during incomplete combustion.		

SECTION 6 - HEALTH HAZARDS

Routes of Exposure	☐ Eye ☒ Skin ☐ Oral ☐ Inhalation ☐ Other
Signs and Symptoms	See NOTE under Section 2, above. Eye contact. Dust or mist could irritate eyes.
Signs and Symptoms of Overexposure(Chronic)	None known
Medical Conditions Aggravated by Overexposure	None known
Carcinogen or Suspect Carcinogen Ingredients	☐ NTP ☐ IARC ☐ OSHA ☒ NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes	Flush immediately with water for at least 15 minutes. Call a physician.
Skin	Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse.
Ingestion	Drink large quantities of milk or water. Call a physician.
Inhalation	Remove exposed person to fresh air. Treat symptomatically.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	Not needed under normal conditions of use.
Ventilation Requirements	☐ Local Exhaust ☒ Mechanical ☐ Other
Protective Gloves	rubber
Eye Protection	Safety glasses/goggles
Other Protective Clothing	Not required.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken	Where possible, flush down drain to waste treatment sewer; otherwise on small spills, use chemical adsorbent and sweep up - large spills, confine and collect.
If Released or Spilled	

Waste Disposal Methods: Dispose of in accordance with applicable Federal, State and Local ordinances.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken	Wash hands thoroughly with soap and water after use. Avoid contact with eyes. To maintain product activity, keep container closed. Avoid prolonged exposure to temperatures above 115°F. and keep from freezing.
In Handling and Storage	

Health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form(as supplied) and may differ significantly at use dilution. Signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product under conditions of ordinary use.

DATE PREPARED March 29, 1996

MATERIAL SAFETY DATA SHEET

00535

Manufacturer's Name : THE BUTCHER COMPANY
 Address : 120 Bartlett Street
 Telephone Number : (508) 481-5700
 Emergency Telephone : (800) 228-5635 Ext. 118
 Prepared By : Bonita C. Patterson
 Date Prepared : August, 1989
 Date Revised : April, 1992

IDENTITY

Common Name BARE KNUCKLES Ultra Stripper

Proper Shipping Name; Hazard Class; Hazard ID No.:
 Compound, Cleaning, Liquid; Corrosive Material; NA 1760

INGREDIENT INFORMATION

Principal Hazardous Component(s)	CAS No.	Threshold Limit
Monoethanolamine	141-43-5	10-15 TLV/PEL:3ppm;STEL:6ppm
2-Butoxy ethanol	111-76-2	10-15 TLV/PEL:25ppm Skin
Sodium dodecylbenzene sulfonate	25155-30-0	1-2 NE
Potassium hydroxide	1310-58-3	1-3 TLV:2mg/m ³ Ceiling

SARA Title III Section 313 and 40 CFR Part 372 Notification: 2-Butoxy ethanol is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 under the chemical category Glycol Ethers.

PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	212°F	Specific Gravity	1.04	Vapor Pressure	ND
Percent Volatile by Volume	95	Vapor Density	ND	Evaporation Rate	ND
Solubility in Water	Complete	Appearance and Odor	Clear red liquid; ammonia odor		
Flash Point	>200°F	Extinguisher Media	NA		
Special Fire Fighting Procedures	This product is not flammable				
Unusual Fire and Explosion Hazards	None known to The Butcher Company				

ND=Not Determined, NE=Not Established, NM=Not Applicable

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 BARE KNUCKLES Ultra Stripper

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REACTIVITY DATA

Stability Stable Conditions to Avoid None known to The Butcher Company
 Incompatibility Acids (e.g. muriatic), oxidizers (e.g. bleach), and nitrosating agents.
 Hazardous Decomposition Products Normal products of combustion
 Hazardous Polymerization Will Not Occur
 Conditions to Avoid None known to The Butcher Company

HAZARD DATA

Signs and Symptoms of Exposure Direct contact of product with eyes may cause burns. Contact with skin may cause irritation. If ingested, product may cause burns to mouth, throat, and stomach. Inhalation of vapor may irritate respiratory tract. High vapor concentrations may cause headache, dizziness and nausea. Pre-existing eye, skin, and respiratory disorders may be aggravated.

Chemicals Listed as Carcinogens or Potential Carcinogens None

Emergency and First Aid Procedures

1. Inhalation Remove to fresh air. Call a physician if symptoms persist.
2. Eyes Flush with water for at least 15 minutes. Seek immediate medical attention.
3. Skin Flush with water. Call a physician if irritation develops.
4. Ingestion Drink large quantities of water. Do not induce vomiting. Seek immediate medical attention.

SPECIAL PROTECTION INFORMATION

Respiratory Protection None required if good ventilation is maintained.
 Protective Gloves Where skin contact is possible, wear rubber or other impervious gloves.
 Eye Protection Where eye contact may occur, wear chemical splash goggles and/or face shield.

SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Handling and Storage Use good personal hygiene practice. Wash contaminated clothing and equipment before reuse.
 Release or Spill Before attempting clean-up, refer to Hazard Data above. Contain spill. Use mop, absorbent, or wet vacuum to collect material for proper disposal. Rinse area with water.
 Waste Disposal Treatment, storage, transportation, and disposal of this material must be in accordance with federal, state, and local regulations.

The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.

MATERIAL SAFETY DATA SHEET

01004

Manufacturer's Name
Address

: THE BUTCHER COMPANY
: 120 Bartlett Street
: Marlborough, MA 01752-3013
: (508) 481-5700

Telephone Number

Emergency Telephone : (800) 228-5635 Ext. 118

Prepared By
Date Prepared
Date Revised

: Bonita C. Patterson
: December, 1988
: April, 1992

IDENTITY

Common Name BATH GUARD Acid-Free Disinfectant Bathroom Cleaner
(Clean and Fresh Fragrance)

Proper Shipping Name; Hazard Class; Hazard ID No.: Non Hazardous

INGREDIENT INFORMATION

Principal Hazardous Component(s)	CAS No.	%	Threshold Limit
Alkyl dimethyl benzyl ammonium chloride	139-07-1; 139-08-2; 122-18-9	0.3	NE
Dipropylene glycol methyl ether	34590-94-8	1-3	TLV/PEL:100ppm Skin; STEL:150ppm;

SARA Title III Section 313 and 40 CFR Part 372 Notification:
Ingredients in this product are not currently subject to notification

PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	212°F	Specific Gravity	1.01	Vapor Pressure	ND
Percent Volatile by Volume	96	Vapor Density	ND	Evaporation Rate	ND
Solubility in Water	Complete				
Appearance and Odor	Clear blue-green liquid; clean & fresh fragrance				
Flash Point	>200°F	Extinguisher Media	NA		
Special Fire Fighting Procedures	This product is not flammable				
Unusual Fire and Explosion Hazards	None known to The Butcher Company				

ND=Not Determined, NE=Not Established, NA=Not Applicable

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BATH GUARD (Clean and Fresh)

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REACTIVITY DATA

Stability Stable Conditions to Avoid None known to The Butcher Company
Incompatibility None known to The Butcher Company
Hazardous Decomposition Products Normal Products of combustion
Hazardous Polymerization Will Not Occur
Conditions to Avoid None known to The Butcher Company

HAZARD DATA

Signs and Symptoms of Exposure Direct contact of product with eyes may cause irritation.

Chemicals Listed as Carcinogens or Potential Carcinogens None

Emergency and First Aid Procedures

1. Inhalation Remove to fresh air.
2. Eyes Flush with water for at least 15 minutes. Call a physician if irritation develops.
3. Skin Flush with water. Call a physician if irritation develops. Call a physician.
4. Ingestion Drink large quantities of water. Do not induce vomiting.

SPECIAL PROTECTION INFORMATION

Respiratory Protection None required if good ventilation is maintained.
Protective Gloves If prolonged or repeated contact is possible, wear rubber or other impervious gloves.
Eye Protection Where eye contact may be a problem, wear chemical splash goggles.

SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Handling and Storage Use good personal hygiene practice. Avoid contact with eye, skin or clothing. Wash thoroughly with soap and water after handling. Wash contaminated clothing and equipment before reuse. Do not contaminate water, food, or feed by storage or disposal. Store only in tightly closed container in a secure area inaccessible to children.
Release or Spill Before attempting clean-up, refer to Hazard Data above. Contain spill. Use mop, absorbent, or wet vacuum to collect material for proper disposal. Rinse area with water.
Waste Disposal Treatment, storage, transportation, and disposal of this material must be in accordance with federal, state, and local regulations.

The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.