

SAFETY DATA SHEETS

This SDS packet was issued with item:

078684146

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078917173

CHLORHEX-Q SCRUB

AmPharmCo, Inc.

MATERIAL SAFETY DATA SHEET

Date Prepared: December 5, 2002

AmPharmCo, Inc.
1401 Joel East Road
Fort Worth, Texas 76140

NFPA Ratings:

H	F	R	S
1	0	0	--

Telephone: (817) 293-6363
Emergency: (800) 424-9300

Material Safety Data Sheet

SECTION I - COMPANY IDENTIFICATION

Manufacturer:
AmPharmCo, Inc.
1401 Joel East Road
Fort Worth, Texas 76140

Telephone Numbers:
Office (817) 293-6363
24 Hour Emergency Contact:
CHEMTREC (800) 424-9300

SECTION II - HAZARDOUS INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200)	EXPOSURE LIMITS: 8 HR. TWA	OSHA PEL		ACGIH TLV	
		OSHA PEL	ACGIH TLV	OSHA PEL	ACGIH TLV
Glycol ethers (CAS# 9036-19-5)		NE	NE	NE	NE

SECTION III - HAZARDS IDENTIFICATIONS

EMERGENCY OVERVIEW: WARNING! Ingestion of liquid may cause nausea, vomiting, and headache. May irritate or burn eyes. May irritate skin, mucous membranes, and upper respiratory tract.

POTENTIAL HEALTH EFFECTS:

INHALATION: Mist and/or vapors may cause irritation to nose, throat, and upper respiratory system.

EYE CONTACT: Irritant. May cause permanent tissue damage if not removed promptly. Preexisting eye disorders may be aggravated by exposure to this product.

SKIN CONTACT: May irritate skin. Preexisting skin disorders may be aggravated by exposure to this product. May cause skin sensitization, an allergic reaction from this product.

INGESTION: Irritating to mouth, throat, and stomach. May cause gastric tract disorder and/or damage.

CHRONIC: Not known

CARCINOGENICITY: LISTED IN NTP? No IARC? No OSHA Regulated? No

CHLORHEX-Q SCRUB

SECTION IV - FIRST AID MEASURES

- INHALATION:** Remove to fresh air. If not breathing, apply artificial respiration. Seek medical advice.
- EYE CONTACT:** Flush with large amounts of running water for 15 minutes. Remove contact lenses. Seek medical advice.
- SKIN CONTACT:** Remove contaminated clothing or shoes. Wash exposed area with water. Use soap if available. Seek medical advice if symptoms persist.
- INGESTION:** Do not induce vomiting. If conscious, wash mouth out with water. Never give an unconscious person anything by mouth. If vomiting occurs, keep head below hips to prevent aspiration. Get immediate medical attention.

SECTION V - FIRE FIGHTING MEASURES

- Flashpoint (Method):** NE
- Flammable Limits:** Lower: NE Upper: NE
- Autoignition Temperature:** NE

GENERAL HAZARD: Aqueous solution, flashpoint undetermined.

FIRE FIGHTING INSTRUCTIONS: Approach fire from upwind side. Avoid breathing smoke, fumes, mist, or vapors. Firefighters wear protective clothing, and self-contained breathing apparatus.

EXTINGUISHING MEDIA: Use extinguishing media such as water, alcohol-type foam, universal foam, dry chemical, or carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Acrid smoke, irritating fumes, carbon monoxide, and oxides of nitrogen.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Isolate hazard area. Keep unnecessary and unprotected personnel away. Caution! Floors may become slippery.

LAND SPILL: Prevent additional discharge of material from entering municipal sewers or open waterways. Collect free product with inert, non-combustible material, then place in a suitable chemical waste container for disposal.

WATER SPILL: Remove from surface by skimming or by using suitable absorbents. Remove from bottom of body of water by using methods approved by regulatory authorities. Place recovered product in a suitable chemical waste container for disposal.

Clean up spills and leaks to prevent soil and water contamination. Contact the appropriate regulatory authorities.

CHLORHEX-Q SCRUB

SECTION VII - HANDLING AND STORAGE

Empty containers will retain product residue (liquid and/or vapors). Protect from excessive heat (140°F) or cold. Store in a cool, dry place away from sources of flame, heat or other sources of ignition.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: General ventilation recommended.

PERSONAL PROTECTION: Not normally needed under proper conditions of use and storage.

PROTECTIVE CLOTHING: Not needed under normal conditions of use. If eye contact is likely, use chemical goggles to protect from splashing. If prolonged contact is likely, use chemical resistant gloves to protect hands.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure:	NE	Vapor Density (Air = 1):	NE
Specific Gravity:	1.0060	Evaporation Rate	
Solubility in Water:	Soluble	(n-Butyl Acetate = 1):	NE
pH:	6.3	Freezing Point:	NE
Boiling Point:	NE		
Appearance & Odor:	Light blue viscous liquid with minimal odor.		

SECTION X - STABILITY AND REACTIVITY

GENERAL: Stable.

INCOMPATIBLE MATERIALS: Keep away from sulfates, borates, bicarbonates, and chlorides.

CONDITIONS TO AVOID: Protect from light or from high heat.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION

Chlorhexidine digluconate 20%:	Glycol ethers:
Oral - Rat: 2,000 mg/kg (LD50)	Oral - Rat (female): 707 mg/kg (LD50)
Subcutaneous - : 3,320 mg/kg (LD50)	Skin - Rabbit (female): 12.3 g/kg (LD50), 24 hr.

SECTION XII - ECOLOGICAL INFORMATION

No data available.

SECTION XIII - DISPOSAL CONSIDERATIONS

Classification and documentation is required before disposing. Follow all local, state, and federal regulations.

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	None
HAZARD CLASS:	NA
IDENTIFICATION NUMBER:	NA
DOT Emergency Guide #:	NA

CHLORHEX-Q SCRUB

Reportable Quantity (RQ): None

SECTION XV - REGULATORY INFORMATION

TSCA (Toxic Substance Control Act)

Components of this product are listed on the TSCA Inventory.

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act):

Reportable quantity from release or spill: Component	CAS #	RQ	Amount
Ethylene oxide	75-21-8	10	0.000015 %
1,4-Dioxane	123-91-1	100	0.00008 %
Glycol ether	none		0.03 %

We recommend you contact local authorities for other reporting requirements.

SARA TITLE III (Superfund Amendments and Reauthorization Act):

311/312 Hazard Categories:

Acute: Yes Chronic: No Fire: No Reactivity: No Pressure Generating: No

SARA 313 Reportable Ingredients:

Component	CAS #	Amount
Ethylene oxide	75-21-8	0.000015 %
1,4-Dioxane	123-91-1	0.00008 %

STATE REQUIREMENTS:

Components of this product may be regulated by various states. For details on specific state requirements, contact the appropriate agency in your state.

CALIFORNIA PROP 65: Component	CAS #	Amount
Ethylene oxide	75-21-8	0.000015 %
1,4-Dioxane	123-91-1	0.00008 %
N-Nitrosodimethylamine	62-75-9	trace

SECTION XVI - OTHER INFORMATION

PREPARED BY: TALEM, Inc. Consulting Engineering Services (817) 335 - 1186, Project 020484.01

INFORMATION PROVIDED BY: AmPharmCo, Inc.

PREPARATION DATE: 12/02

FOOTNOTES:

NA - Not Applicable NE - Data Not Established CS - Cancer Suspect Agent OX - Oxidizer ND - No Data Cor - Corrosive
CALC - Calculated EST - Estimated STEL - Short Term Exposure Limit TLV - Threshold Limit Value
PEL - Permissible Exposure Limit TWA - Time Weighted Average, 8 hours

THE INFORMATION RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY ONESELF AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR HIS OWN PARTICULAR USE. NEITHER THE SELLER NOR PREPARER MAKES ANY WARRANTIES, EXPRESS OR IMPLIED, CONCERNING THE INFORMATION PRESENTED.



SAFETY DATA SHEET

1 – IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

Product Name: ***Chlorhexidine Scrub 2%
(ChlorHex-Q Scrub)***

Formula / Product Code: FN-0028/64
Chemical description/Application: Scrub and Shampoo

Supplier: **American Pharmaceuticals and Cosmetics, Inc.**
1401 Joel East Road
Ft Worth, TX 76140

Emergency Phone: (817) 293-6363 Ext 112
Fax: (817) 293-2952

2 – HAZARD(s) IDENTIFICATION

The identity of individual components of this compounded mixture is proprietary and is regarded to be a trade secret. However, based on health hazard data of the ingredients present at a concentration of greater than 1% (one percent), this mixture presents the following health hazard(s):



Eyes - may cause temporary irritation and redness.

3 – COMPOSITION / INFORMATION ON INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200) EXPOSURE LIMITS: 8 HR. TWA

	OSHA	PEL	ACGIH	TLV
Glycol ethers (CAS# 9036-19-5)		NE		NE

4 – FIRST AID MEASURES

INHALATION: Mist and/or vapors may cause irritation to nose, throat, and upper respiratory system. Remove to fresh air. If not breathing, apply artificial respiration. Seek medical advice.

EYE CONTACT: Irritant. May cause permanent tissue damage if not removed promptly. Preexisting eye disorders may be aggravated by exposure to this product. Flush with large amounts of running water for 15 minutes. Remove contact lenses. Seek medical advice.



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4 – FIRST AID MEASURES continued

- SKIN CONTACT:** May irritate skin. Remove contaminated clothing or shoes. Wash exposed area with water. Use soap if available. Preexisting skin disorders may be aggravated by exposure to this product. May cause skin sensitization, an allergic reaction from this product. Seek medical advice if symptoms persist.
- INGESTION:** Irritating to mouth, throat, and stomach. Do not induce vomiting. If conscious, wash mouth out with water. Never give an unconscious person anything by mouth. If vomiting occurs, keep head below hips to prevent aspiration. May cause gastric tract disorder and/or damage. Get immediate medical attention.

5 – FIRE FIGHTING MEASURES

- FLASHPOINT (METHOD):** NE
- FLAMMABLE LIMITS:** LOWER: NE UPPER: NE
- AUTOIGNITION TEMPERATURE:** NE
- GENERAL HAZARD:** Aqueous solution, flashpoint undetermined.
- FIRE FIGHTING INSTRUCTIONS:** Approach fire from upwind side. Avoid breathing smoke, fumes, mist, or vapors. Firefighters wear protective clothing, and self-contained breathing apparatus.
- EXTINGUISHING MEDIA:** Use extinguishing media such as water, alcohol-type foam, universal foam, dry chemical, or carbon dioxide.
- HAZARDOUS COMBUSTION PRODUCTS:** Acrid smoke, irritating fumes, carbon monoxide, and oxides of nitrogen.



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6 – ACCIDENTAL RELEASE MEASURES

Isolate hazard area. Keep unnecessary and unprotected personnel away. Caution! Floors may become slippery.

LAND SPILL: Prevent additional discharge of material from entering municipal sewers or open waterways. Collect free product with inert, non-combustible material, then place in a suitable chemical waste container for disposal.

WATER SPILL: Remove from surface by skimming or by using suitable absorbents. Remove from bottom of body of water by using methods approved by regulatory authorities. Place recovered product in a suitable chemical waste container for disposal.

Clean up spills and leaks to prevent soil and water contamination. Contact the appropriate regulatory authorities.

7 – HANDLING AND STORAGE

Empty containers will retain product residue (liquid and/or vapors).

Protect from excessive heat (140°F) or cold.

Store in a cool, dry place away from sources of flame, heat or other sources of ignition.

8 – EXPOSURE CONTROLS / ACCIDENTAL RELEASE MEASURES

ENGINEERING CONTROLS: General ventilation recommended.

PERSONAL PROTECTION: Not normally needed under proper conditions of use and storage.

PROTECTIVE CLOTHING: Not needed under normal conditions of use. If eye contact is likely, use chemical goggles to protect from splashing. If prolonged contact is likely, use chemical resistant gloves to protect hands.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure:	NE	Vapor Density (Air=1):	NE
Specific Gravity:	1.0111	Evaporation Rate (n-Butyl Acetate=1):	NE
Solubility in Water:	Soluble	pH:	6.1
Freezing Point:	NE	Boiling Point:	NE
Appearance & Odor:	Light blue viscous liquid with minimal odor.		



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10 – STABILITY AND REACTIVITY

GENERAL:	Stable.
INCOMPATIBLE MATERIALS:	Keep away from sulfates, borates, bicarbonates, and chlorides.
CONDITIONS TO AVOID:	Protect from light or from high heat.
HAZARDOUS POLYMERIZATION:	Will not occur.

11 – TOXICOLOGICAL INFORMATION

Chlorhexidine digluconate 20%:	Glycol ethers:
Oral – Rat: 2,000 mg/kg (LD50)	Oral – Rat (female): 707 mg/kg (LD50)
Subcutaneous – : 3,320 mg/kg (LD50)	Skin – Rabbit (female): 12.3 g/kg (LD50), 24 hr.

12 – ECOLOGICAL INFORMATION

No data available.

13 – DISPOSAL CONSIDERATIONS

Classification and documentation is required before disposing. Follow all local, state, and federal regulations.

14 – TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	None
HAZARD CLASS:	NA
IDENTIFICATION NUMBER:	NA
DOT EMERGENCY GUIDE #:	NA
REPORTABLE QUANTITY (RQ):	None

15 – REGULATORY INFORMATION

TSCA (Toxic Substance Control Act)

Components of this product are listed on the TSCA Inventory.



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15 – REGULATORY INFORMATION continued

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act):

Reportable quantity from release or spill:

<u>Component</u>	<u>CAS #</u>	<u>RQ</u>	<u>Amount</u>
Ethylene oxide	75-21-8	10	0.000015 %
1,4-Dioxane	123-91-1	100	0.00008 %
Glycol ether	none		0.03 %

We recommend you contact local authorities for other reporting requirements.

SARA TITLE III (Superfund Amendments and Reauthorization Act):

311/312 Hazard Categories:

Acute: Yes Chronic: No Fire: No
 Reactivity: No Pressure Generating: No

SARA 313 Reportable Ingredients:

<u>Component</u>	<u>CAS #</u>	<u>Amount</u>
Ethylene oxide	75-21-8	0.000015 %
1,4-Dioxane	123-91-1	0.00008 %

STATE REQUIREMENTS:

Components of this product may be regulated by various states. For details on specific state requirements, contact the appropriate agency in your state.

CALIFORNIA PROP 65:

The following components are below No Significant Risk Levels (NSRL) per the California Office of Environmental Health Hazard Assessment, issued April 2018. These NSRLs are established in regulation in Title 27, Cal. Code of Regulations, Sections 25705, 25709 and 25805.

<u>Component</u>	<u>CAS #</u>	<u>Amount (µg/day)</u>
Ethylene oxide	75-21-8	< 2
1,4-Dioxane	123-91-1	< 30
N-Nitrosodimethylamine	62-75-9	< 0.04



American Pharmaceuticals & Cosmetics, Inc.

1401 Joel East Road, Ft. Worth, TX 76140
800-272-8338 • 817-293-6363 • Fax: 817-293-7711

SAFETY DATA SHEET

16 – OTHER INFORMATION

The data contained herein is based on current information that American Pharmaceuticals and Cosmetics, Inc. believes to be reliable. However, no expressed or implied warranty is made with regard to the accuracy of such data or its suitability for a given situation. Such data relates only to specific product described and not to such product in combination with any other product and no agent of American Pharmaceuticals and Cosmetics, Inc. is authorized to vary any of such data. American Pharmaceuticals and Cosmetics, Inc. disclaims all liability for any actions taken or foregone upon such data.

Important changes were made in section(s): Reviewed, minor changes to Section 9

Previous Revision # and Date: Rev #1.2, 08/21/2018

Date of Printing: 08/24/2018

Notice

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