



Safety Data Sheet – Adventure® Medical Kits

To Whom It May Concern,

Our First Aid kits comply with the regulations of the US Food and Drug Administration and other International Medical Regulatory bodies. These standards and quality requirements ensure safe labelling, use, and handling.

In response to your request for a (Material) Safety Data Sheet for one of our First Aid Kits, please be advised that all such kits (and the medical supplies, drugs, pills and pharmaceuticals found in these kits) are exempt from OSHA and other regulatory SDS requirements. OSHA exempts:

“Any drug, as that term is defined in the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 301 et seq.), when it is in solid, final form for direct administration to the patient (e.g., tablets or pills); drugs which are packaged by the chemical manufacturer for sale to consumers in a retail establishment (e.g., over-the-counter drugs); and drugs intended for personal consumption by employees while in the workplace (e.g., first aid supplies)” 29 CFR 1910.1200(b)(6)(vii)

The above-mentioned section expressly exempts any drug, as that term is defined in the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 301 et seq.), when it is:

- in solid, final form for direct administration to the patient (e.g., tablets or pills) OR
- drugs which are packaged by the chemical manufacturer for sale to consumers in a retail establishment (e.g., over-the-counter drugs) OR
- drugs intended for personal consumption (e.g., first aid supplies)

Our First Aid Kits clearly meet these express exemptions.

If you have any further questions regarding this matter, please contact us directly by email.

Thank you,

Regulatory Compliance

e-mail: regulatory@adventurereadybrands.com

FIRST AID KIT

Stay Compliant

ANSI 2015 Class A Required Contents:

- 1 First Aid Guide
- 16 Adhesive Bandages, 1" x 3"
- 1 Adhesive Tape, 2.5 Yards
- 10 Antiseptic Treatment Application, 0.5 g
- 1 Burn Dressing, Gel Soaked, 4" x 4"
- 10 Burn Treatment Application, 0.9 g
- 2 Sterile Pad, 3" x 3" min.
- 4 Medical Exam Glove
- 1 Triangular Bandage, 40" x 40" x 56" min.
- 10 Antibiotic Treatment Application, 0.5 g
- 1 CPR Breathing Barrier
- 1 Cold Pack
- 2 Eye Covering with Means of Attachment
- 1 Eyewash, 1 oz.
- 6 Hand Sanitizer, 0.9 g
- 1 Roller Bandage, 2" x 4 Yards
- 1 Scissors
- 2 Trauma Pad, 5" x 9"

Contents:

POCKET 1- MAJOR INJURY

- 1 Triangular Bandage, 42" x 42" x 59"
- 2 Trauma Pad, 5" x 9"
- 2 Sterile Dressing, 2" x 2"
- 4 Sterile Dressing, 3" x 3"
- 2 Sterile Eye Pad
- 1 Roller Bandage, 2" x 4.1 Yards

POCKET 2- MINOR CUTS & SCRAPES

- 16 Adhesive Bandage, Plastic, 1" x 3"
- 2 Adhesive Bandage, Fabric, Fingertip
- 2 Adhesive Bandage, Fabric, Knuckle
- 1 Adhesive Bandage, Fabric, Elbow/Knee
- 1 Butterfly Wound Closure
- 1 Adhesive Tape, 1/2" x 5 Yards
- 4 Latex-Free Glove

POCKET 3- INSTRUMENTS & INSTRUCTIONS

- 1 Emergency First Aid Guide
- 1 Scissors
- 1 Tweezers
- 1 CPR Breathing Barrier

POCKET 4- MEDICATIONS & ANTISEPTICS

- 1 Burn Dressing, Gel Soaked, 4" x 4"
- 1 Cold Pack
- 10 Antiseptic Wipe, 0.5 g
- 10 Triple Antibiotic Ointment, 0.5 g
- 10 Burn Cream, 0.9 g
- 2 Eyewash, 1.0 oz.
- 6 Hand Sanitizer, 0.9 g

Safety Data Sheet

Antiseptic Towelettes
Issue Date: 6 November 2015



ORIGINAL

Section 1 - Chemical Product and Company Identification

Product Name	Antiseptic Towelettes		
Synonyms	Not applicable	CAS No.	Not applicable
Molecular formula	Not applicable	Molecular mass	Not applicable
Manufacturer/Supplier	GFA PRODUCTION XIAMEN CO., LTD.		
Address	NO.20 HULI INDUSTRIAL PARK,MEI XI ROAD,TONG AN,XIAMEN,FUJIAN,CHINA		

Section 2 - Hazards Identification

Emergency overview	Wet paper. Not a hazardous substance or mixture.
OSHA regulatory	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Potential health effects	Likely Routes of Exposure: Skin, eye, inhalation and ingestion. Skin Contact: No adverse health effects expected. Eye Contact: No adverse health effects expected. Inhalation: No adverse health effects expected. Ingestion: Large quantities swallowed may cause irritation to the gastrointestinal tract. See Section 11 for more information.
Potential environmental effects	This material is not expected to be toxic to aquatic life. See Section 12 for more information.

Section 3 - Composition/Information on Ingredient

Component	Range % by Wt.	CAS No.
Benzalkonium chloride	0.13	8001-54-5
Water	99.87	7732-18-5

Section 4 - First Aid Measures

Skin contact	Not expected to require first aid measures. Immediately flush skin with plenty of water.
Eye contact	Not expected to require first aid measures. Immediately flush eyes with water. Get medical attention if irritation develops.
Inhalation	Not expected to require first aid measures. Get medical attention.
Ingestion	Not expected to require first aid measures. If swallowed, rinse thoroughly. Get medical attention immediately.
Note to Physicians	No information found.

Safety Data Sheet

Antiseptic Towelettes

Issue Date: 6 November 2015



Section 5 - Fire Fighting Measures

Flammable properties	Not considered to be a fire hazard.
Extinguishing media	Use fire extinguishing methods suitable to surrounding conditions.
Unsuitable extinguishing media	None.
Hazardous combustion products	Carbon oxides.
Protection of firefighters	No information found.

Section 6 - Accidental Release Measures

Personal precautions	Use personal protection recommended in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.
Environmental precautions	Contain and recover liquid when possible. Avoid runoff into storm sewers and ditches which lead to waterways.
Methods for containment	Sweep up and containerize for reclamation or disposal.
Methods for clean-up	Place in suitable container or tanks, recycle or ship to the waste plant.
Other information	None.

Section 7 - Handling and Storage

Handling	Keep container tightly closed. Wash thoroughly after handling.
Storage	Stored in a cool, dry, ventilated area.

Section 8 - Exposure Controls, Personal Protection

Exposure guidelines	None established.
Engineering controls	No engineering controls required.
Eye/face protection	Generally protection.
Skin protection	Generally protection.
Respiratory protection	Generally protection.
General hygiene considerations	Generally protection.

Safety Data Sheet

Antiseptic Towelettes

Issue Date: 6 November 2015



Section 9 - Physical and Chemical Properties

Appearance and odor	Wet paper.	pH	No information found.
Freezing point (°C)	No information found.	Boiling point (°C)	No information found.
Density(water=1)	No information found.	Relative vapour density (air=1)	No information found.
Vapour pressure (kPa)	No information found.	Heat of combustion (kJ/mol)	No information found.
Critical temperature (°C)	No information found.	Critical pressure (MPa)	No information found.
Octanol/water partition coefficient as log Pow	No information found.	Flash point (°C)	Not applicable.
Auto-ignition temperature(°C)	No information found.	Solubility	No information found.
Upper explosive limits %(V/V)	No information found.	Lower explosive limits %(V/V)	No information found.
Other properties	No information found.	End uses	To help prevent infection.

Section 10 - Stability and Reactivity

Chemical stability	Stable under ordinary conditions of use and storage.
Conditions to avoid	Heat, flames, ignition sources and incompatibles.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon oxides.
Possibility of hazardous reactions	Will not occur.

Section 11 - Toxicological Information

Acute toxicity	Benzalkonium chloride (CAS: 8001-54-5): Oral, mouse: LD50 = 150 mg/kg.
Inhalation	No information.
Eye irritation	No information.
Skin irritation	No information.
Sensitisation	No information.
Repeated dose toxicity	No information.
Carcinogenicity	All ingredients are not listed by IARC.
Mutagenicity	No information.
Reproductive effects	No information.
Delevopment effects	No information.

Safety Data Sheet

Antiseptic Towelettes

Issue Date: 6 November 2015



Section 12 - Ecological Information

Ecotoxicity	This material is not expected toxic to aquatic life. Benzalkonium chloride (CAS: 8001-54-5): Lepomis macrochirus LC50 = 0.31 mg/kg (96h).
Persistence/Degradability	No information.
Bioaccumulation/Accumulation	No information.
Mobility in environment	No information.

Section 13 - Disposal Considerations

Disposal measures	Not regulated.
Notes	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

Section 14 - Transport Information

Regulations	US DOT	IATA DGR	IMDG Code
UN No.	Not regulated as a hazardous material.	Not regulated as a hazardous material.	Not regulated as a hazardous material.
Hazard Class	Not regulated.	Not regulated.	Not regulated.
Shipping Name	Not regulated.	Not regulated.	Not regulated.
Packing Group	Not regulated.	Not regulated.	Not regulated.
Packing method	Not regulated.	Not regulated.	Not regulated.

Section 15 - Regulatory Information

Component	CAS No.	TSCA	DSL	Section 302 (EHS)	Section 304 EHS RQ	CERC LARQ	Section 313	RCRA CODE	CAA 112(r) TQ
Benzalkonium chloride	8001-54-5	Yes	Yes	No	No	No	No	No	No
Water	7732-18-5	Yes	Yes	No	No	No	No	No	No

Section 16 - Additional Information

Revision	0
Issue date	November 6, 2015
Prepared by	TÜV SÜD Products Testizng (Shanghai) Co.,Ltd. Guangzhou Branch
Checked by	TÜV SÜD Products Testizng (Shanghai) Co.,Ltd. Guangzhou Branch
Other information	-

Safety Data Sheet

Antiseptic Towelettes

Issue Date: 6 November 2015



Disclaimer: This MSDS conforms to the requirements of 29CFR 1910.1200 and ANSI Z400.1/Z 129.1-2010. This MSDS is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either express or implied.

This report replaces the original report 721622569-7-A

-END OF THE TEST REPORT-

Safety Data Sheet

Burn Cream

Issue Date: 6 November 2015

ORIGINAL



Section 1 - Chemical Product and Company Identification

Product Name	Burn Cream		
Synonyms	Not applicable	CAS No.	Not applicable
Molecular formula	Not applicable	Molecular mass	Not applicable
Manufacturer/Supplier	GFA PRODUCTION XIAMEN CO., LTD.		
Address	NO.20 HULI INDUSTRIAL PARK, MEI XI ROAD, TONG AN, XIAMEN, FUJIAN, CHINA		

Section 2 - Hazards Identification

Emergency overview	White gel. Not a hazardous substance or mixture.
OSHA regulatory	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Potential health effects	Likely Routes of Exposure: Skin, eye, inhalation and ingestion. Skin Contact: No adverse health effects expected. Eye Contact: No adverse health effects expected. Inhalation: No adverse health effects expected. Ingestion: Large quantities swallowed may cause irritation to the gastrointestinal tract. See Section 11 for more information.
Potential environmental effects	This material is not expected to be toxic to aquatic life. See Section 12 for more information.

Section 3 - Composition/Information on Ingredient

Component	Range % by Wt.	CAS No.
Petroleum Jelly	99.37	8009-03-8
Lidocaine HCl	0.50	73-78-9
Benzalkonium chloride	0.13	8001-54-5

Section 4 - First Aid Measures

Skin contact	Not expected to require first aid measures. Immediately flush skin with plenty of water.
Eye contact	Not expected to require first aid measures. Immediately flush eyes with water. Get medical attention if irritation develops.
Inhalation	Not expected to require first aid measures. Get medical attention.
Ingestion	Not expected to require first aid measures. If swallowed, rinse thoroughly. Get medical attention immediately.
Note to Physicians	No information found.

Safety Data Sheet

Burn Cream

Issue Date: 6 November 2015



ORIGINAL

Section 5 - Fire Fighting Measures

Flammable properties	Not considered to be a fire hazard.
Extinguishing media	Use fire extinguishing methods suitable to surrounding conditions.
Unsuitable extinguishing media	None.
Hazardous combustion products	Carbon oxides.
Protection of firefighters	No information found.

Section 6 - Accidental Release Measures

Personal precautions	Use personal protection recommended in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.
Environmental precautions	Contain and recover liquid when possible. Avoid runoff into storm sewers and ditches which lead to waterways.
Methods for containment	In case of a small amount of release, absorb spill with inert material (e.g. vermiculite, sand or earth), as well as flush with plenty of water and dilute into the wastewater system. In case of great amount of release, collect spill with causeway or trench.
Methods for clean-up	Removal of ignition sources. A vapor suppressing foam may be used to reduce vapors. Place in suitable container or tanks, recycle or ship to the waste plant.
Other information	None.

Section 7 - Handling and Storage

Handling	Keep container tightly closed. Wash thoroughly after handling.
Storage	Stored in a cool, dry, ventilated area.

Section 8 - Exposure Controls, Personal Protection

Exposure guidelines	Petroleum Jelly (CAS: 8009-03-8): -Occupational Exposure Limits (OSHA): 5 mg/m ³ (TWA); -ACGIH Threshold Limit Values: 5 mg/m ³ (TWA).
Engineering controls	Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces. Provide emergency eyewash and shower equipment.
Eye/face protection	Use tight-fitting goggles, face shield or safety glasses with side shields if eye contact might occur.
Skin protection	Wear general protective clothing.
Respiratory protection	Suitable respiratory protective device recommended.
General hygiene considerations	Wash thoroughly after handling. Have eye-wash facilities immediately available.

Safety Data Sheet

Burn Cream

Issue Date: 6 November 2015

ORIGINAL



Section 9 - Physical and Chemical Properties

Appearance and odor	White gel.	pH	No information found.
Freezing point (°C)	No information found.	Boiling point (°C)	No information found.
Density(water=1)	No information found.	Relative vapour density (air=1)	No information found.
Vapour pressure (kPa)	No information found.	Heat of combustion (kJ/mol)	No information found.
Critical temperature (°C)	No information found.	Critical pressure (MPa)	No information found.
Octanol/water partition coefficient as log Pow	No information found.	Flash point (°C)	No information found.
Auto-ignition temperature(°C)	No information found.	Solubility	No information found.
Upper explosive limits %(V/V)	No information found.	Lower explosive limits %(V/V)	No information found.
Other properties	No information found.	End uses	To help prevent infection.

Section 10 - Stability and Reactivity

Chemical stability	Stable under ordinary conditions of use and storage.
Conditions to avoid	Heat, flames, ignition sources and incompatibles.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon oxides.
Possibility of hazardous reactions	Will not occur.

Section 11 - Toxicological Information

Acute toxicity	No information.
Inhalation	No information.
Eye irritation	No information.
Skin irritation	No information.
Sensitisation	No information.
Repeated dose toxicity	No information.
Carcinogenicity	All ingredients are not listed by IARC.
Mutagenicity	No information.
Reproductive effects	No information.
Delevopment effects	No information.

Safety Data Sheet

Burn Cream

Issue Date: 6 November 2015



ORIGINAL

Section 12 - Ecological Information

Ecotoxicity	This material is not expected toxic to aquatic life.
Persistence/ Degradability	No information.
Bioaccumulation/ Accumulation	No information.
Mobility in environment	No information.

Section 13 - Disposal Considerations

Disposal measures	Not regulated.
Notes	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

Section 14 - Transport Information

Regulations	US DOT	IATA DGR	IMDG Code
UN No.	Not regulated as a hazardous material.	Not regulated as a hazardous material.	Not regulated as a hazardous material.
Hazard Class	Not regulated.	Not regulated.	Not regulated.
Shipping Name	Not regulated.	Not regulated.	Not regulated.
Packing Group	Not regulated.	Not regulated.	Not regulated.
Packing method	Not regulated.	Not regulated.	Not regulated.

Section 15 - Regulatory Information

Component	CAS No.	TSCA	DSL	Section 302 (EHS)	Section 304 EHS RQ	CERC LARQ	Section 313	RCRA CODE	CAA 112(r) TQ
Petroleum Jelly	8009-03-8	Yes	Yes	No	No	No	No	No	No
Lidocaine HCl	73-78-9	Yes	Yes	No	No	No	No	No	No
Benzalkonium chloride	8001-54-5	Yes	Yes	No	No	No	No	No	No

Section 16 - Additional Information

Revision	0
Issue date	November 6, 2015
Prepared by	TÜV SÜD Products Testizng (Shanghai) Co.,Ltd. Guangzhou Branch
Checked by	TÜV SÜD Products Testizng (Shanghai) Co.,Ltd. Guangzhou Branch
Other information	-

Project No.: 721622569-5-B

Safety Data Sheet

Burn Cream

Issue Date: 6 November 2015



ORIGINAL

Disclaimer: This MSDS conforms to the requirements of 29CFR 1910.1200 and ANSI Z400.1/Z 129.1-2010. This MSDS is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either express or implied.

This report replaces the original report 721622569-5-A

-END OF THE TEST REPORT-



GENUINE FIRST AID,

Material Safety Data Sheet

Genuine First Aid Instant Cold Pack

MSDS No.:	123
Revision No.:	3
Issue Date:	5/10/2010
Exp. Date:	5/10/2013

PRODUCT AND COMPANY INFORMATION- SECTION 1

Manufacturer/Distributor	Genuine First Aid LLC
	600 Cleveland Street, Suite 400
	Clearwater, FL 33755
	866.500.9129
	727.449.2150
Product Name:	Instant Cold Pack
Synonyms:	Cold Pack, Gel Ice Pack
Intended Use:	Provides instant cold therapy for minor injuries.

EMERGENCY CONTACT

In the continental U.S.: 866.3500.9129
For additional information: 727.499.2150

COMPOSITION INFORMATION- SECTION 2

Chemical Name:	Urea
Percent:	40-70%
CAS Number:	57-13-6
Exposure Limits:	None Established
Chemical Name:	Water
Percent:	30-60%
CAS Number:	7732-18-5
Exposure Limits:	None Established

HAZARDOUS IDENTIFICATION- SECTION 3

EMERGENCY OVERVIEW & HAZARDS PRESENT TO MAN AND THE ENVIRONMENT:	Not classified as hazardous.
PRIMARY ROUTES OF EXPOSURE:	Eye contact, Skin contact, Ingestion



GENUINE FIRST AID.

POTENTIAL HEALTH EFFECTS:	
Eyes:	No adverse effects expected under normal conditions of use. Contact with dry material will cause eye irritation including stinging, watering and redness.
Skin:	No adverse effects expected under normal conditions of use. Prolonged contact with dry material may cause mild skin irritation including redness and burning.
Inhalation:	No adverse effects expected under normal conditions of use. Contact with dry material may cause irritation of respiratory system.
Ingestion:	Deliberate ingestion may causes: nausea, vomiting, diarrhea, gastrointestinal irritation. Ingestion of large quantities may cause mild central nervous system depression.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	No information available.

FIRST AID MEASURES- SECTION 4	
<i>SEEK MEDICAL ATTENTION FOR ALL CASES OF OVEREXPOSURE.</i>	
FIRST AID MEASURES:	
Eye Contact:	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
Skin Contact:	Wash skin thoroughly with soap and water. Obtain medical attention if soreness or redness persists.
Inhalation:	Remove affected person into fresh air. If breathing is difficult, give oxygen. If symptoms persists, seek medical attention.
Ingestion:	Obtain medical attention if large quantities have been ingested. Do not induce vomiting unless directed to do so by medical personnel.
Physician Instructions:	Treat symptomatically.

FIRE FIGHTING MEASURES- SECTION 5				
<i>NFPA Classification</i>				
	Health	Fire	Reactivity	Other
	1	0	0	N/A
Extinguishing Media:	Not Flammable. Select extinguishing agent appropriate to other materials involved.			
Firefighting Instructions:	Wear full protective clothing and self-contained breathing apparatus when fighting fires that involve this material.			
Unusual Fire & Explosion Hazards:	May release irritating and toxic fumes in a fire. Urea becomes slippery when wet. Guard against slips and falls.			





GENUINE FIRST AID.

ACCIDENTAL RELEASE MEASURES- SECTION 6

Environmental Precautions:	No information available.
Cleanup Methods:	
Spills:	This product may be collected by carefully scooping into a pan, paper towel or other absorbent material. Transfer into suitable containers for recovery or disposal. Wear appropriate protective clothing. Avoid release to sewers and other waterways.

HANDLING & STORAGE- SECTION 7

Do not puncture or open ice pack. Protect from physical damage. Do not heat or contact with oxidizers. Storage area should be: cool, dry, out of direct sunlight. Store at room temperature. Always use a cloth cover between the ice pack and the skin to prevent frostbite. Do not use on insensitive skin or on a person with poor blood circulation. Discard pack if punctured or torn.

EXPOSURE CONTROLS/PERSONAL PROTECTION- SECTION 8

EXPOSURE CONTROLS:	
Engineering Controls:	No specific measures necessary.
PERSONAL PROTECTIVE EQUIPMENT	
Eye/Face Protection:	None required under normal conditions. However, care should be taken to avoid accidental exposure should container break.
Skin Protection:	To prevent frostbite always apply cloth wrap between skin and cold pack.
Respiratory Protection:	None required under normal conditions.

PHYSICAL & CHEMICAL PROPERTIES- SECTION 9

Product:	Instant Cold Pack
General Information	
Appearance:	White solid in a water bag
Odor:	Slight ammonia
Boiling Point:	212°F
Melting Point:	271°F
Specific Gravity (H₂O = 1):	1.14
Solubility in Water:	Soluble
Evaporation Rate:	Slower than either

STABILITY & REACTIVITY- SECTION 10

Stability:	This product is stable under normal conditions.
Conditions to avoid:	Extreme heat. Contact with incompatible materials.
Materials to avoid:	Strong oxidants, Strong acids.
Hazardous Decomposition Products:	Oxides of carbon, nitrogen, ammonia.



GENUINE FIRST AID.

TOXICOLOGICAL INFORMATION- SECTION 11

Acute Toxicity:	Low odor of acute toxicity.		
LD ₅₀ - (Urea)	Oral	Rodent- Rat	8000 mg/kg
LD ₅₀ - (Urea)	Oral	Domestic Animal	511 mg/kg
Chronic Toxicity:	This product is not expected to cause long term adverse health effects.		
Gentoxicity:	Bacterial genetic toxicity in Vitro studies were negative. This product is not expected to causes any mutagenic effects.		
Reproductive/ Developmental Toxicity:	No adverse reproductive effects were seen in experimental animal studies. This product is not expected to cause reproductive or developmental health effects.		

ECOLOGICAL INFORMATION- SECTION 12

This product is considered to have a low order of toxicity and is not expected to cause harm to aquatic organisms.

DISPOSAL INFORMATION- SECTION 13

Dispose of in accordance with Local, State, and Federal regulations.

TRANSPORT INFORMATION- SECTION 14

N/A

REGULATORY INFORMATION- SECTION 15

This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Inventory.



GENUINE FIRST AID®

Material Safety Data Sheet

Genuine First Aid Eye Wash

MSDS No.:	121
Revision No.:	2
Issue Date:	5/10/2010
Exp. Date:	5/10/2013

PRODUCT AND COMPANY INFORMATION- SECTION 1

Manufacturer/Distributor	Genuine First Aid LLC
	600 Cleveland Street, Suite 400
	Clearwater, FL 33755
	866.500.9129
	727.449.2150
Product Name:	
Synonyms:	Eye Wash
Intended Use:	For washing the eye to help relieve irritation, discomfort, stinging or itching by removing loose foreign material and air pollutants (smog, pollen) or chlorinated

EMERGENCY CONTACT

In the continental U.S.: 866.3500.9129
For additional information: 727.499.2150

COMPOSITION INFORMATION- SECTION 2

Chemical Name:	Benzalkonium Chloride
Percent:	Proprietary
CAS Number:	8001-54-5
Exposure Limits:	OSHA PEL: NONE
	ACGIH TLV: NONE

HAZARDOUS IDENTIFICATION- SECTION 3

This is a nonflammable aqueous solution.

EMERGENCY OVERVIEW:

When used according to instructions, the product applicable to this MSDS is stable and safe and presents no immediate or long-term health hazard. However, abnormal entry, such as gross ingestion, may require immediate medical attention.

FIRST AID MEASURES- SECTION 4

SEEK MEDICAL ATTENTION FOR ALL CASES OF OVEREXPOSURE.

FIRST AID MEASURES:

Eye Contact:	Not applicable
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GENUINE FIRST AID®

Skin Contact:	Not applicable
Inhalation:	Not applicable
Ingestion:	Ingestion of volumes in excess of 20 liters may cause gastric irritation. Call a physician or Poison Control Center.

FIRE FIGHTING MEASURES- SECTION 5

NFPA Classification

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>Other</u>	
	0	0	0	N/A	
Flash Point:	N/A	Method:	N/A		
Flammability Limits:	Nonflammable aqueous solution.	LEL:	N/A	UEL:	N/A

ACCIDENTAL RELEASE MEASURES- SECTION 6

Flush area with water. The solution is not RCRA hazardous waste.

HANDLING & STORAGE- SECTION 7

Do not freeze or expose to temperatures in excess of 86°F (25°F)

EXPOSURE CONTROLS/PERSONAL PROTECTION- SECTION 8

Eye Protection:	None required
Skin Protection:	None required
Respiratory Protection:	None required
Ventilation:	None required
Protective Clothing or Equipment:	None required

PHYSICAL & CHEMICAL PROPERTIES- SECTION 9

General Information:

Appearance:	Colorless Liquid
Odor:	No Discernable Odor
Boiling Point:	200°F (93.3°C)
Solubility in Water:	100%

STABILITY & REACTIVITY- SECTION 10

Stability:	This product is stable and considered non-reactive under normal conditions of storage and usage.
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TOXICOLOGICAL INFORMATION- SECTION 11

No acute or chronic toxic effects expected when used according to directions.



GENUINE FIRST AID

ECOLOGICAL INFORMATION- SECTION 12

No ecological or special considerations when used according to directions. This product is not considered environmentally harmful from normal dilution, expected usage and typical drainage to sewers, septic systems and treatment plants.

DISPOSAL INFORMATION- SECTION 13

Dispose of in accordance with Local, State, and Federal regulations.

TRANSPORT INFORMATION- SECTION 14

N/A

REGULATORY INFORMATION- SECTION 15

N/A



SUBJECT Safety Data Sheet (SDS)

SERVICE LOCATION TÜV SÜD China

TÜV SÜD Products Testing (Shanghai) Co., Ltd.
B-3/4, No.1999 Du Hui Road, Minhang District
Shanghai 201108, P.R. China

CLIENT NAME GFA PRODUCTION XIAMEN CO., LTD

CLIENT ADDRESS No. 20 Hu Li Industrial Park, Mei Xi Road, Tong An, Xiamen, Fujian China

The sample information was submitted and identified on applicant's behalf to be:

SAMPLE NAME Hand Sanitizer

PREPARED PERIOD 31-Oct-2019~08-Nov-2019

SERVICE REQUESTED Based on the information provided by the applicant, the Safety Data Sheet (SDS) was prepared according to American OSHA HazCom Standard (2012)

Prepared By

(Hu Ting)
Report Drafter

Authorized By



Note: (1) General Terms & Conditions as mentioned overleaf. (2) The results relate only to the items tested. (3) The test report shall not be reproduced except in full without the written approval of the laboratory. (4) Without the agreement of the laboratory, the client is not authorized to use the test results for unapproved propaganda.

Safety Data Sheet

Hand Sanitizer

*Prepared according to American OSHA HazCom Standard (2012)

1 Identification of the chemical and supplier

Product identifier

Product Name	Hand Sanitizer
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Please consult manufacturer.
Uses advised against	Please consult manufacturer.

Details of the supplier of the Safety Data Sheet

Name of the company	GFA PRODUCTION XIAMEN CO., LTD
Address of the company	No. 20 Hu Li Industrial Park, Mei Xi Road, Tong An, Xiamen, Fujian China
Post code	/
Telephone number	0592-7269515-8031
Fax number	0592-7269528
E-mail address	schen@GFAProduction.com

Emergency phone number

Emergency phone number	/
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2 Hazards identification

Hazard classification according to GHS

Flammable Liquids	Category 2
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Label elements

Hazard pictograms	
Signal word	Danger

Hazard statements

H225	Highly flammable liquid and vapour
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Precautionary statements

◆ Prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

◆ Response

P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
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◆ Storage

P403+P235	Store in a well-ventilated place. Keep cool.
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◆ Disposal

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
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| Other hazards

	Not applicable
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| Hazard description

◆ Physical and chemical hazards

	Highly flammable liquids, its vapor and air mixture can form explosive mixture.
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◆ Health hazards

Inhaled	Cough. Headache. Fatigue. Drowsiness.
Ingestion	Burning sensation. Headache. Confusion. Dizziness. Unconsciousness.
Skin Contact	Dry skin.
Eye	Redness. Pain. Burning.

◆ Environmental hazards

	Please refer to 12th chapter of SDS.
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3 Composition/information on ingredients

Component	Cas No.	EC No.	Concentration (weight percent, %)
Ethyl Alcohol	64-17-5	200-578-6	62
Purified Water	7732-18-5	231-791-2	31.75
Propylene Glycol	57-55-6	200-338-0	5
Carbomer	9007-20-9	618-435-5	1.12
Triethanolamine	102-71-6	203-049-8	0.12
Titanium dioxide	13463-67-7	236-675-5	0.01

4 First aid measures

Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
Eye contact	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Skin contact	Remove contaminated clothes. Rinse and then wash skin with water and soap.
Ingestion	Rinse mouth. Refer for medical attention.
Inhalation	Fresh air, rest.
Protecting of first-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

Most important symptoms and effects, both acute and delayed

1	Cumulative effects may result following exposure.
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Indication of any immediate medical attention and special treatment needed

1	Treat symptomatically.
2	Symptoms may be delayed.

5 Firefighting measures

Extinguishing media

Suitable extinguishing media	Small Fire: Dry chemical, CO ₂ , water spray or alcohol-resistant foam; Large Fire: Water spray, fog or alcohol-resistant foam.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter or spread fire.

Specific hazards arising from the substance or mixture

1	Will form explosive mixtures with air.
2	Fire exposed containers may vent contents through pressure relief valves thereby increasing fire intensity and/ or vapour concentration.
3	Vapours may travel to source of ignition and flash back.
4	Liquid and vapour are flammable. Containers may explode when heated.
5	May expansion or decompose explosively when heated or involved in fire.

Advice for firefighters

1	As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
2	Fight fire from a safe distance, with adequate cover.
3	Prevent fire extinguishing water from contaminating surface water or the ground water system.
4	Use water delivered as a fine spray to control fire and cool adjacent area.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

1	Avoid breathing vapours and contacting with skin and eye.
2	Beware of vapours accumulating to form explosive concentrations.
3	Vapours can accumulate in low areas.

4	Emergency personnel wear positive pressure self-contained breathing apparatus. Wear protective and anti-static clothing. Wear chemical impermeable gloves.
5	Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
6	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
7	Use personal protective equipment. Avoid breathing vapours, mist or gas.

Environmental precautions

1	Prevent further leakage or spillage if safe to do so.
2	Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

1	Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.
2	Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
3	Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7 Handling and storage

Precautions for handling

1	Avoid inhalation of vapors.
2	Use only non-sparking tools.
3	To prevent fire caused by electrostatic discharge steam, equipment on all metal parts should be grounded.
4	Use explosion proof equipment.
5	Handling is performed in a well ventilated place.
6	Wear suitable protective equipment.
7	Avoid contact with skin and eyes.
8	Keep away from heat/sparks/open flames/ hot surfaces.

Precautions for storage

1	Keep containers tightly closed.
2	Keep containers in a dry, cool and well-ventilated place.
3	Keep away from heat/sparks/open flames/hot surfaces.
4	Store away from incompatible materials and foodstuff containers.
5	Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8 Exposure controls/personal protection

Control parameters

◆ Occupational Exposure limit values

Component	Country/Region	Limit value - Eight hours		Limit value - Short term	
		ppm	mg/m ³	ppm	mg/m ³
Ethyl Alcohol 64-17-5	USA - OSHA	1000	1900	-	-
	South Korea	1000	1900	-	-

	Ireland	-	-	1000	-
	Germany (AGS)	500	960	1000	1920
	Denmark	1000	1900	2000	3800
	Australia	1000	1880	-	-
Propylene Glycol 57-55-6	United Kingdom	-	10	-	-
	United Kingdom	150	474	-	-
	New Zealand	150	474	-	-
	Latvia	-	7	-	-
	Ireland	-	10	-	-
	Ireland	150	470	-	-
	Canada - Ontario	-	10	-	-
	Canada - Ontario	50	155	-	-
	Australia	-	10	-	-
	Australia	150	474	-	-
Triethanolamine 102-71-6	Switzerland	-	5	-	20
	Sweden	0.8	5	1.6	10
	Ireland	-	5	-	-
	Germany (DFG)	-	5	-	20
	Denmark	0.5	3.1	1	6.2
	Australia	-	5	-	-
Titanium dioxide 13463-67-7	USA - OSHA	-	15	-	-
	South Korea	-	10	-	-
	Ireland	-	10	-	-
	France	-	11	-	-
	Denmark	-	6	-	12
	Australia	-	10	-	-

◆ Biological limit values

Biological limit values	No relevant regulations
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◆ Monitoring methods

1	EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
2	GBZ/T 160.1~GBZ/T 160.81-2004 Determination of toxic substances in workplace air (Series standard) .

| Engineering controls

1	Ensure adequate ventilation, especially in confined areas.
2	Ensure that eyewash stations and safety showers are close to the workstation location.
3	Use explosion-proof electrical/ventilating/lighting/equipment.

4	Set up emergency exit and necessary risk-elimination area.
5	Handle in accordance with good industrial hygiene and safety practice.

Personal protection equipment

General requirement	
Eye protection	Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US)).
Hand protection	Wear protective gloves (such as butyl rubber) , passing the tests according to EN 374(EU), US F739 or AS/NZS 2161.1 standard.
Respiratory protection	In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.
Skin and body protection	Wear fire/flame resistant/retardant clothing and antistatic boots.

9 Physical and chemical properties

Physical and chemical properties

Appearance	Transparent gel
Odor	No information available
Odor threshold	No information available
pH	7.0 (20°C, 10g/L, Ethyl Alcohol)
Melting point/freezing point(°C)	-117 (Ethyl Alcohol)
Initial boiling point and boiling range(°C)	79 (Ethyl Alcohol)
Flash point(Closed cup,°C)	No information available
Evaporation rate	No information available
Flammability	Flammable
Upper/lower explosive limits[%(v/v)]	Upper limit: 19 (Ethyl Alcohol); Lower limit: 3.3 (Ethyl Alcohol)
Vapor pressure	5.8kPa (20°C, Ethyl Alcohol)
Vapor density(Air = 1)	1.6 (Ethyl Alcohol)
Relative density(Water=1)	0.79 (20°C, Ethyl Alcohol)
Solubility(mg/L)	Miscible with water
n-octanol/water partition coefficient	-0.32 (Ethyl Alcohol)
Auto-ignition temperature(°C)	363 (Ethyl Alcohol)
Decomposition temperature(°C)	≥700 (Ethyl Alcohol)
Viscosity(mm ² /s)	No information available

10 Stability and reactivity

Stability and reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous reactions	In contact with oxidants causes severe reactions, and may cause a fire or explosion. In contact with active metals (alkali metals, Na, Ca etc.) causes a reaction and release hydrogen.
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	Oxidants, alkali metals, sodium, calcium, and other active metal, halogen, metal oxide, nonmetal oxide, acyl halide and metal phosphide.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

Acute toxicity

Component	Cas No.	LD ₅₀ (oral)	LD ₅₀ (dermal)	LC ₅₀ (inhalation,4h)
Ethyl Alcohol	64-17-5	7060mg/kg(Rat)	No information available	39mg/L(Mouse)
Propylene Glycol	57-55-6	20000mg/kg(Rat)	20800mg/kg(Rabbit)	No information available
Triethanolamine	102-71-6	5846mg/kg(Mouse)	No information available	No information available

Carcinogenicity

ID	Cas No.	Component	IARC	NTP
1	64-17-5	Ethyl Alcohol	Category 1	Not Listed
2	7732-18-5	Purified Water	Not Listed	Not Listed
3	57-55-6	Propylene Glycol	Not Listed	Not Listed
4	9007-20-9	Carbomer	Not Listed	Not Listed
5	102-71-6	Triethanolamine	Category 3	Not Listed
6	13463-67-7	Titanium dioxide	Category 2B	Not Listed

Others

Hand Sanitizer	
Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Reproductive toxicity(additional)	Based on available data, the classification criteria are not met

12 Ecological information

Acute aquatic toxicity

Component	Cas No.	Fish	Crustaceans	Algae
Ethyl Alcohol	64-17-5	LC ₅₀ : 11000mg/L (96h)(Fish)	EC ₅₀ : 9950mg/L (48h)(Crustaceans)	No information available
Propylene Glycol	57-55-6	LC ₅₀ : 39800mg/L (96h)(Fish)	EC ₅₀ : >1000mg/L (48h)(Crustaceans)	ErC ₅₀ : >1000mg/L (72h)(Algae)
Triethanolamine	102-71-6	LC ₅₀ : 11800mg/L (96h)(Fish)	EC ₅₀ : 610mg/L (48h)(Crustaceans)	No information available

Chronic aquatic toxicity

Component	Cas No.	Fish	Crustaceans	Algae
Propylene Glycol	57-55-6	NOEC: >100mg/L (Fish)	NOEC: 1000mg/L (Crustaceans)	NOEC: 1000mg/L (Algae)

Persistence and degradability

Component	Cas No.	Persistence (water/soil)	Persistence (air)
Triethanolamine	102-71-6	Low	Low
Titanium dioxide	13463-67-7	High	High
Propylene Glycol	57-55-6	Low	Low
Ethyl Alcohol	64-17-5	Low(Half-life = 2.17 days)	Low(Half-life = 5.08 days)
Purified Water	7732-18-5	Low	Low

Bioaccumulative potential

Component	Cas No.	Bioaccumulative potential	comments
Triethanolamine	102-71-6	Low	BCF=4
Titanium dioxide	13463-67-7	Low	BCF=10
Propylene Glycol	57-55-6	Low	BCF=1
Ethyl Alcohol	64-17-5	Low	Log K _{ow} =-0.31
Purified Water	7732-18-5	Low	Log K _{ow} =-1.38

Mobility in soil

Component	Cas No.	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (K _{oc})
Triethanolamine	102-71-6	Low	10
Titanium dioxide	13463-67-7	Low	23.74
Propylene Glycol	57-55-6	High	1
Ethyl Alcohol	64-17-5	High	1
Purified Water	7732-18-5	Low	14.3

Results of PBT and vPvB assessment

Component	Cas No.	Results of PBT and vPvB assessment (according to (EC) No 1907/2006)
Ethyl Alcohol	64-17-5	not PBT/vPvB
Purified Water	7732-18-5	not PBT/vPvB
Propylene Glycol	57-55-6	not PBT/vPvB
Carbomer	9007-20-9	not PBT/vPvB
Triethanolamine	102-71-6	not PBT/vPvB
Titanium dioxide	13463-67-7	not PBT/vPvB


13 Disposal considerations

Disposal considerations

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.
Disposal recommendations	Refer to section Waste chemicals and Contaminated packaging.

14 Transport information

Label and Mark

Transporting Label	
Marine pollutant	None

IMDG-CODE

UN number	1993
UN proper shipping name	FLAMMABLE LIQUID, N.O.S.
Transport hazard class	3
Transport subsidiary hazard class	None
Packing group	II
Special provisions	274
Limited quantities	1L
Excepted quantities	E2
Marine pollutant (Yes or no)	No
EmS No.	F-E,S-E

ICAO/IATA-DGR

UN number	1993
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UN proper shipping name	FLAMMABLE LIQUID, N.O.S.
Transport hazard class	3
Transport subsidiary hazard class	None
Packing group	II
Excepted quantities	E2
Passenger and Cargo Aircraft Limited Quantity Packing Instructions	Y341
Passenger and Cargo Aircraft Limited Quantity Maximum net Quantity per Package	1 L
Passenger and Cargo Aircraft Packing Instructions	353
Passenger and Cargo Aircraft Maximum net Quantity per Package	5 L
Cargo Aircraft Packing Instructions	364
Cargo Aircraft Maximum net Quantity per Package	60 L
Special provisions	A3
ERG code	3H

UN-ADR

UN number	1993
UN proper shipping name	FLAMMABLE LIQUID, N.O.S.
Transport hazard class	3
Transport subsidiary hazard class	None
Packing group	II
Special provisions	274 601 640C or 274 601 640D
Limited quantities	1 L
Excepted quantities	E2
Packing instructions	P001 or P001 IBC02 R001
Special packing provisions	-
Mixed packing provisions	MP19
Portable tanks and bulk containers instructions	T7
Portable tanks and bulk containers special provisions	TP1 TP8 TP28
ADR tank code	L1.5BN or LGBF
ADR tank special provisions	-
Vehicle for tank carriage	FL

Transport category(Tunnel restriction code)	2 (D/E)
Special provisions for carriage(Packages)	-
Special provisions for carriage(Bulk)	-
Special provisions for carriage>Loading, unloading and handling)	-
Special provisions for carriage(Operation)	S2 S20
Hazard identification No.	33
Notes	When vapour pressure at 50°C more than 110kPa, special provisions: 274 601 640C; packing instructions: P001; ADR tank code: L1.5BN; When vapour pressure at 50°C not more than 110 kPa, special provisions: 274 601 640D; packing instructions: P001 IBC02 R001; ADR tank code: LGBF

15 Regulatory information

International chemical inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
Ethyl Alcohol	✓	✓	✓	✓	✓	✓	✓	✓	✓
Purified Water	✓	✓	✓	✓	✓	✓	✓	✓	✗
Propylene Glycol	✓	✓	✓	✓	✓	✓	✓	✓	✓
Carbomer	✗	✗	✓	✓	✓	✓	✓	✓	✗
Triethanolamine	✓	✓	✓	✓	✓	✓	✓	✓	✓
Titanium dioxide	✓	✓	✓	✓	✓	✓	✓	✓	✓

【EINECS】 European Inventory of Existing Commercial Chemical Substances

【TSCA】 United States Toxic Substances Control Act Inventory

【DSL】 Canadian Domestic Substances List

【IECSC】 China Inventory of Existing Chemical Substances

【NZIoC】 New Zealand Inventory of Chemicals

【PICCS】 Philippines Inventory of Chemicals and Chemical Substances

【KECI】 Existing and Evaluated Chemical Substances

【AICS】 Australia Inventory of Chemical Substances

【ENCS】 Existing And New Chemical Substances

Note

"✓" Indicates that the substance included in the regulations

"✗" That no data or included in the regulations

16 Others

Information on revision

Creation Date	2019/10/31
Revision Date	2019/10/31
Reason for revision	-

Reference

- [1]IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
- [2]IARC, website: <http://www.iarc.fr/>.
- [3]OECD: The Global Portal to Information on Chemical Substances, website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en.
- [4]CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.
- [5]NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.
- [6]EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.
- [7]U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.
- [8]Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

Abbreviations and acronyms

CAS –Chemical Abstracts Service	CMR - Carcinogens, mutagens or substances toxic to reproduction
PC-STEL - Short term exposure limit	PC-TWA - Time Weighted Average
DNEL - Derived No Effect Level	IARC - International Agency for Research on Cancer
RPE - Respiratory Protective Equipment	PNEC –Predicted No Effect Concentration
LC₅₀ - Lethal Concentration 50%	LD₅₀ - Lethal Dose 50%
NOEC -No Observed Effect Concentration	EC₅₀ - Effective Concentration 50%
PBT - Persistent, Bioaccumulative, Toxic	POW - Partition coefficient Octanol: Water
BCF - Bioconcentration factor (BCF)	vPvB - very Persistent, very Bioaccumulative
IMDG -International Maritime Dangerous Goods	ICAO/IATA -International Civil Aviation Organization/International Air Transportation Association
UN -The United Nations	ACGIH -American Conference of Governmental Industrial Hygienists
NFPA -National Fire Protection Association	OECD -Organization for Economic Co-operation and Development

Disclaimer

This Safety Data Sheet (SDS) was prepared according to OSHA HazCom Standard (2012). The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user' s reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

Note: This report is for internal use only by the client

Safety Data Sheet

Triple Antibiotic Ointment
Issue Date: 6 November 2015



ORIGINAL

Section 1 - Chemical Product and Company Identification

Product Name	Triple Antibiotic Ointment		
Synonyms	Not applicable	CAS No.	Not applicable
Molecular formula	Not applicable	Molecular mass	Not applicable
Manufacturer/Supplier	GFA PRODUCTION XIAMEN CO., LTD.		
Address	NO.20 HULI INDUSTRIAL PARK,MEI XI ROAD,TONG AN,XIAMEN,FUJIAN,CHINA		

Section 2 - Hazards Identification

Emergency overview	Offwhite gel. Not a hazardous substance or mixture.
OSHA regulatory	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Potential health effects	Likely Routes of Exposure: Skin, eye, inhalation and ingestion. Skin Contact: No adverse health effects expected. Eye Contact: No adverse health effects expected. Inhalation: No adverse health effects expected. Ingestion: Large quantities swallowed may cause irritation to the gastrointestinal tract. See Section 11 for more information.
Potential environmental effects	This material is not expected to be toxic to aquatic life. See Section 12 for more information.

Section 3 - Composition/Information on Ingredient

Component	Range % by Wt.	CAS No.
Vaseline	96.41	8009-03-8
Mineral oil	2.00	8042-47-5
Bacitracin Zinc	1.00	1405-87-4
Neomycin Sulfate	0.51	1404-04-2
Polymyxin B sulfate	0.08	1405-20-5

Section 4 - First Aid Measures

Skin contact	Not expected to require first aid measures. Immediately flush skin with plenty of water.
Eye contact	Not expected to require first aid measures. Immediately flush eyes with water. Get medical attention if irritation develops.
Inhalation	Not expected to require first aid measures. Get medical attention.
Ingestion	Not expected to require first aid measures. If swallowed, rinse thoroughly. Get medical attention immediately.
Note to Physicians	No information found.

Safety Data Sheet

Triple Antibiotic Ointment
Issue Date: 6 November 2015



Section 5 - Fire Fighting Measures

Flammable properties	Not considered to be a fire hazard.
Extinguishing media	Use fire extinguishing methods suitable to surrounding conditions.
Unsuitable extinguishing media	None.
Hazardous combustion products	Carbon oxides, nitrogen oxides (NOx), Sulphur oxides.
Protection of firefighters	No information found.

Section 6 - Accidental Release Measures

Personal precautions	Use personal protection recommended in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.
Environmental precautions	Contain and recover liquid when possible. Avoid runoff into storm sewers and ditches which lead to waterways.
Methods for containment	In case of a small amount of release, absorb spill with inert material (e.g. vermiculite, sand or earth), as well as flush with plenty of water and dilute into the wastewater system. In case of great amount of release, collect spill with causeway or trench.
Methods for clean-up	Removal of ignition sources. A vapor suppressing foam may be used to reduce vapors. Place in suitable container or tanks, recycle or ship to the waste plant.
Other information	None.

Section 7 - Handling and Storage

Handling	Keep container tightly closed. Wash thoroughly after handling.
Storage	Stored in a cool, dry, ventilated area.

Section 8 - Exposure Controls, Personal Protection

Exposure guidelines	Petroleum Jelly (CAS: 8009-03-8): -Occupational Exposure Limits (OSHA): 5 mg/m ³ (TWA); -ACGIH Threshold Limit Values: 5 mg/m ³ (TWA).
Engineering controls	Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces. Provide emergency eyewash and shower equipment.
Eye/face protection	Use tight-fitting goggles, face shield or safety glasses with side shields if eye contact might occur.
Skin protection	Wear general protective clothing.
Respiratory protection	Suitable respiratory protective device recommended.
General hygiene considerations	Wash thoroughly after handling. Have eye-wash facilities immediately available.

Safety Data Sheet

Triple Antibiotic Ointment

Issue Date: 6 November 2015



Section 9 - Physical and Chemical Properties

Appearance and odor	Offwhite gel.	pH	No information found.
Freezing point (°C)	No information found.	Boiling point (°C)	No information found.
Density(water=1)	No information found.	Relative vapour density (air=1)	No information found.
Vapour pressure (kPa)	No information found.	Heat of combustion (kJ/mol)	No information found.
Critical temperature (°C)	No information found.	Critical pressure (MPa)	No information found.
Octanol/water partition coefficient as log Pow	No information found.	Flash point (°C)	No information found.
Auto-ignition temperature(°C)	No information found.	Solubility	No information found.
Upper explosive limits %(V/V)	No information found.	Lower explosive limits %(V/V)	No information found.
Other properties	No information found.	End uses	To help prevent infection.

Section 10 - Stability and Reactivity

Chemical stability	Stable under ordinary conditions of use and storage.
Conditions to avoid	Heat, flames, ignition sources and incompatibles.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon oxides, nitrogen oxides (NOx), Sulphur oxides.
Possibility of hazardous reactions	Will not occur.

Section 11 - Toxicological Information

Acute toxicity	Bacitracin Zine (CAS: 1405-87-4): oral mouse LD50 > 3787.5 mg/kg. Polymyxin B sulfate (CAS: 1405-20-5): oral mouse LD50 = 790 mg/kg.
Inhalation	No information.
Eye irritation	No information.
Skin irritation	No information.
Sensitisation	No information.
Repeated dose toxicity	No information.
Carcinogenicity	All ingredients are not listed by IARC.
Mutagenicity	No information.
Reproductive effects	No information.
Delevopment effects	No information.

Safety Data Sheet

Triple Antibiotic Ointment
Issue Date: 6 November 2015

ORIGINAL



Section 12 - Ecological Information

Ecotoxicity	This material is not expected toxic to aquatic life.
Persistence/ Degradability	No information.
Bioaccumulation/ Accumulation	No information.
Mobility in environment	No information.

Section 13 - Disposal Considerations

Disposal measures	Not regulated.
Notes	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

Section 14 - Transport Information

Regulations	US DOT	IATA DGR	IMDG Code
UN No.	Not regulated as a hazardous material.	Not regulated as a hazardous material.	Not regulated as a hazardous material.
Hazard Class	Not regulated.	Not regulated.	Not regulated.
Shipping Name	Not regulated.	Not regulated.	Not regulated.
Packing Group	Not regulated.	Not regulated.	Not regulated.
Packing method	Not regulated.	Not regulated.	Not regulated.

Section 15 - Regulatory Information

Component	CAS No.	TSCA	DSL	Section 302 (EHS)	Section 304 EHS RQ	CERC LARQ	Section 313	RCRA CODE	CAA 112(r) TQ
Vaseline	8009-03-8	Yes	Yes	No	No	No	No	No	No
Mineral oil	8042-47-5	Yes	Yes	No	No	No	No	No	No
Bacitracin Zinc	1405-87-4	Yes	Yes	No	No	No	No	No	No
Neomycin Sulfate	1404-04-2	Yes	Yes	No	No	No	No	No	No
Polymyxin B sulfate	1405-20-5	Yes	Yes	No	No	No	No	No	No

Safety Data Sheet

Triple Antibiotic Ointment
Issue Date: 6 November 2015



ORIGINAL

Section 16 - Additional Information

Revision	0
Issue date	November 6, 2015
Prepared by	TÜV SÜD Products Testizng (Shanghai) Co.,Ltd. Guangzhou Branch
Checked by	TÜV SÜD Products Testizng (Shanghai) Co.,Ltd. Guangzhou Branch
Other information	-

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This report replaces the original report 721622569-6-A

-END OF THE TEST REPORT-