MATERIAL SAFETY DATA SHEET

Triple Antibiotic Ointment	MSDS No.:	014
	Revision No.:	5
	Effective Date:	12/27/2010

PRODUCT AND COMPANY INFORMATION – SECTION 1	
Manufacturer/Distributor	Water-Jel Technologies
	50 Broad Street
	Carlstadt, NJ 07072
	201-507-8300
	800-275-3433
Product Name:	**Triple Antibiotic Ointment**
Synonyms:	Antibiotic Ointment, Antibiotic Cream
Intended Use:	First aid antibiotic ointment for topical prevention of infections in minor cuts. Scrapes and burns. For external use only.

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT:
In the continental U.S.: 800-275-3433 **For additional information:** 201-507-8300

COMPOSITION INFORMATION – SECTION 2	
In accordance with 29 CFR § 1910.1200 (i) (1) the specific chemical identity of this product is being withheld as a trade secret.	
Chemical Name:	Petrolatum USP
Percent:	Proprietary
CAS Number:	8009-03-8
Exposure Limits:	Not Established
Chemical Name:	Neomycin Sulfate USP
Percent:	Proprietary
CAS Number:	1405-10-3
Exposure Limits:	Not Established
Chemical Name:	Bacitracin Zinc USP
Percent:	Proprietary
CAS Number:	1405-89-6
Exposure Limits:	Not Established
Chemical Name:	Polymyxin B Sulfate
Percent:	Proprietary
CAS Number:	1405-20-5
Exposure Limits:	Not Established

HAZARDS IDENTIFICATION – SECTION 3	
EMERGENCY OVERVIEW & HAZARDS PRESENT TO MAN AND THE ENVIRONMENT	Warning! May cause eye and skin irritation.
PRIMARY ROUTES OF EXPOSURE	Skin

POTENTIAL HEALTH EFFECTS:	
Eyes:	This product is minimally irritation to the eyes upon direct contact.
Skin:	This product is minimally irritating to the skin upon direct contact. **NOTE**: Neomycin sulfate and Bacitracin Zinc USP may cause cutaneous sensitization. A precise incidence of hypersensitivity reactions (primarily skin rash) due to topical Neomycin and Bacitracin Zinc USP is not known. Discontinue promptly if sensitization or irritation occurs.
Inhalation:	This product has a low vapor pressure and is not expected to present an inhalation hazard at ambient conditions. Caution should be taken to prevent aerosolization or misting of this product.
Ingestion:	Do not ingest. This product is practically non-toxic by ingestion. This product has laxative properties and may result in abdominal cramps and diarrhea.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	No information available.
CHRONIC HEALTH EFFECTS:	
Eyes:	No information available.
Skin:	When using Bacitracin Zinc USP and/or Neomycin containing products to control secondary infection in the chronic dermatoses, such as chronic otitis extema or stasis dermatitis, it should be borne in mind that the skin in these conditions is more liable than is normal skin to become sensitized to many substances, including Neomycin and Bacitracin Zinc USP.
Inhalation:	Exposure to a large single dose or repeated smaller doses of petrolatum by inhalation can lead to lipid pneumonia or lipid granuloma of the lung. These are low-grade, chronic, localized tissue reactions. Shortness of breath and cough are the most common symptoms.
Ingestion:	Exposure to a large single dose or repeated smaller doses of petrolatum by ingestion leading to aspiration can lead to lipid pneumonia or lipid granuloma of the lung. These are low-grade, chronic, localized tissue reactions. Shortness of breath and cough are the most common symptoms.

FIRST AID MEASURES – SECTION 4

SEEK MEDICAL ATTENTION FOR ALL CASES OF OVEREXPOSURE.

FIRST AID MEASURES:	
Eyes:	Immediately flush eyes with large amounts of water and continue flushing until irritation subsides. If material is hot, treat for thermal burns and take victim to hospital immediately.
Skin:	Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If material is hot, submerge injured area in cold water. If victim is severely burned, remove to a hospital immediately.
Inhalation:	This material has a low vapor pressure and is not expected to present an inhalation exposure at ambient conditions. If vapor or mist is generated when the material is heated or handled, remove victim from exposure.
Ingestion:	Do not induce vomiting due to aspiration hazard. If vomiting should occur, lower head below knees to avoid aspiration.
Instructions for Physician:	Exposure to a large single dose or repeated smaller doses of petrolatum by inhalation, aspiration, or ingestion, leading to aspiration, can lead to lipid pneumonia of lipid granuloma of the lung. These are low-grade, chronic, localized tissue reactions. Shortness of breath and cough are the most common symptoms.

FIRE FIGHTINHG MEASURES – SECTION 5

NFPA Classification

Health	**Fire**	**Reactivity**	**Other**
0	1	0	N/A

FLAMMABILITY PROPERTIES

Flash Point:	Higher than 93.3°C 200°F)	**Method:**	Closed Cup		
Flammability Limits: (in air % by volume)		**LEL:**	N/A	**UEL:**	N/A

Autoignition Temperature:

No information available.

Hazardous Combustion Products:

Carbon monoxide, carbon dioxide.

Extinguishing Media:

Use dry chemical, foam, or carbon dioxide.

Prohibited Extinguishing Media:

No information available.

Firefighting Instructions:

Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Unusual Fire and Explosion Hazards:

Dense smoke may be generated while burning. Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

ACCIDENTAL RELEASE MEASURES – SECTION 6

Environmental Precautions:

Caontain spill immediately. Do not allow spill to enter sewers or watercourses.

Cleanup Methods:

Small spills: Absorb with appropriate inert material such as sand, clay, etc. and dispose of into a suitable container.

Large spills: Large spills may be picked up using vacuum pumps, shovels, buckets, or other means and placed in drums or other suitable containers.

HANDLING & STORAGE – SECTION 7

Handling:	Avoid breathing vapors or mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Wash clothing prior to reuse. May be slippery when spilled.
Storage:	Do not transfer to unmarked containers. Store in closed containers away from heat, sparks, open flame, or oxidizing materials.
Specific Uses:	First aid antibiotic ointment to help prevent infection in minor cuts, scrapes and burns. For external use only.

EXPOSURE CONTROLS / PERSONAL PROTECTION – SECTION 8

EXPOSURE CONTROLS:

Exposure Limits Values:

	OSHA PEL:	ACGIH TLV:
Petrolatum USP	Not Established	Not Established

Engineering Controls:

If vapor or mist is generated when the material is heated or handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specified exposure or flammable limits.

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection:

Respiratory protection is not required under conditions of normal use. If vapor or mist is generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. All respirations must be NIOSH certified.

Hand Protection:

For prolonged or repeated exposures, use impervious gloves. If handling hot material, use insulated protective gloves.

Eye/Face Protection:

Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield of splash-proof safety goggles.

Skin Protection:

No skin protection is required for single, short duration exposures. For prolonged ot repeated exposures, use impervious clothing (boots, aprons, etc.) over parts of the body subject to exposure. If handling hot material, use insulated protective clothing (boots, aprons, etc.) Launder soiled clothes. Properly dispose of contaminated leather articles including shoes, which cannot be decontaminated.

General Hygiene Considerations:

Consumption of food and beverage should be avoided in work areas where hydrocarbons are present. Always wash hands and face with soap and water before eating, drinking, or smoking.

Other Protective Equipment:

No information available.

PHYSICAL & CHEMICAL PROPERTIES – SECTION 9	
PRODUCT:	**Triple Antibiotic Ointment**
General Information:	
Appearance	Off-white lustrous ointment
Odor	Odorless
Important Health, Safety, and Environmental Information:	
Boiling Point	650^{o}F (343.3 C)
Melting Point	125-130^{o}F (51.7 – 54.4^{o}C)
Flash Point	Higher than 93.3^{o}C (200^{o}C)
Explosive Properties	No information available.
Oxidizing Properties	No information available.
Specific Gravity *(H_2O = 1)*	0.86 – 0.87
Water Solubility	Insoluble in water
Partition Coefficient *(n-octanol/water)*	No information available.
Viscosity	No information available.
Vapor Pressure *(mm Hg)*	No information available.
Vapor Density *(Air = 1)*	No information available.
Evaporation Rate	No information available.
% Volatile *(By Volume @ 68^{o}F)*	No information available.

STABILITY & REACTIVITY – SECTION 10
Stability: Stable.
Conditions to avoid: Heat, sparks, and flames.
Materials to avoid: May react with strong oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.
Hazardous Polymerization: Will not occur.

TOXICOLOGICAL INFORMATION – SECTION 11

Type of Test	Route of Exposure	Effects	Species Observed	Dose Data
No information available.				

ECOLOGICAL INFORMATION – SECTION 12

Ecotoxicity:

No information available.

Mobility:

No information available.

Persistence and Degradability:

No information available.

Bio accumulative Potential:

No information available.

DISPOSAL CONSIDERATION – SECTION 13

All disposals of this material must comply with federal, state, and local regulations.

TRANSPORT INFORMATION – SECTION 14

DOT CLASSIFICATION:

UN Number:	Not Regulated for Domestic Transport.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	

IATA CLASSIFICATION:

Un Number:	Not Regulated for International Air Transport.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	

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IMDG CLASSIFICATION:	
Un Number:	Not Regulated for International Water Transport.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	

REGULATORY INFORMATION – SECTION 15	
US REGULATIONS	
ACGIH	Not Established
CAA Section 112	Not Listed
CERCLA	Not Listed
IARC	Not Listed
NTP	Not Listed
OSHA	Not Established
SARA Title III	Not Listed
TSCA	Not Listed
STATE REGULATIONS	
MA substance List	Not Listed
NJ RTK Hazardous Substance List	Not Listed
PA Hazardous Substance List	Not Listed
Canadian WHMIS	Uncontrolled product according to WHMIS classification criteria.

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