

MATERIAL SAFETY DATA SHEET

Steril-Eyes® EYE WASH	MSDS No.:	0020
	Revision No.:	3
	Issue Date:	01/15/2008
	Exp. Date:	01/2011

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:	Steril-Eyes® EYE WASH
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 water.

EMERGENCY CONTACT

In the continental U.S.: 800-275-3433
For additional information: 201-507-8300

HAZARDOUS INGREDIENTS – SECTION 2

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

HAZARDS 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

FIRST AID MEASURES:	
Eye Contact:	Not applicable
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.

MATERIAL SAFETY DATA SHEET

Steril-Eyes® EYE WASH	MSDS No.:	0020
	Revision No.:	3
	Issue Date:	01/15/2008
	Exp. Date	01/2011

--	--

FIRE FIGHTING MEASURES – SECTION 5					
NFPA Classification					
Health		Fire		Reactivity	
0		0		0	
Flash Point:		Method:		UEL:	
N/A		N/A		N/A	
Flammability Limits:		LEL:		UEL:	
Nonflammable aqueous solution.		N/A		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°C).

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.

TOXICOLOGICAL INFORMATION – SECTION 11
No acute or chronic toxic effects expected when used according to directions.

MATERIAL SAFETY DATA SHEET

Steril-Eyes® EYE WASH	MSDS No.:	0020
	Revision No.:	3
	Issue Date:	01/15/2008
	Exp. Date	01/2011

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 CONSIDERATION – SECTION 13

N/A

TRANSPORT INFORMATION – SECTION 14

N/A

REGULATORY INFORMATION – SECTION 15

N/A

To the best of our knowledge, the information contained herein is accurate. However, neither Water-Jel Technologies, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Material Safety Data Sheet



IDENTITY	Rapid Aid Instant Cold Pack
----------	------------------------------------

Section I

Manufacturer's Name Rapid Aid Ltd.	Emergency Telephone Number 905-820-4788
Address 4120A Sladeview Crescent Units 1-4	Telephone Number for Information 905-820-4788
Mississauga, Ontario	Date Prepared December 17, 2007
L5L 5Z3	Signature of Preparer <i>(optional)</i>

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% <i>(optional)</i>
Ammonium Nitrate	N/A	10 mg/M ³	N/A	

Section III - Physical/Chemical Characteristics

Boiling Point	Decomposes @ 350°F	Specific Gravity (H ₂ O = 1)	1.725
Vapor Pressure (mm Hg.)	Not applicable	Melting Point	Not applicable
Vapor Density (AIR = 1)	Not applicable	Evaporation Rate(Butyl Acetate = 1)	Not applicable
Solubility in Water: Complete			
Appearance and Odour : White, Odourless solid chemical with water bag			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Not Applicable	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media			
Flood and cool hot nitrate with straight stream nozzles. Do not use slat water. Water is effective in desensitizing molten or contaminated nitrate.			
Special Fire Fighting Procedures			
Immediately ventilate structure. Do not use spray or fog nozzles. Use straight stream nozzles to cool and desensitize molten nitrate. Respiratory protection required for fire fighting personnel. When any fire is burning out of control and water cannot safely be applied to desensitize, nitrate fire crews should withdraw a safe distance and use unmanned fire lines			
Unusual Fire and Explosion Hazards			
Decomposes into flammable and hazardous nitrogen oxides. As an oxidizer, it yields nitrous oxide readily to stimulate the combustion of organic matter or ether fuel. In unconfined fire situations, ammonium nitrate fertilizer creates a self-limiting effect as the endothermic effect of its dissociation into ammonia and nitric acid absorbs the heat produced by the exothermic decomposition of nitrous oxide and water vapour. Ammonium nitrate fertilizer is not explosive. Detonation potential under confinement and high temperatures, or when heated with contaminants such as organic or carbonaceous material, metallic powders, acids, or combination with copper produces tetramine cupric hydrate, a salt with high sensitivity. Zonal decomposition a possibility.			

Section V - Reactivity Data

Stability	Unstable	X	Conditions to Avoid
	Stable		Heat and fire. Insensitive to impact in dry form
Incompatibility (<i>Materials to Avoid</i>) Chemical from damaged cold pack should not be mixed with acetic acids, metals, chlorides, organic matter, phosphorous, sodium, potassium, sulphur, inorganic zinc, copper. Copper represents the greatest contamination hazard			
Hazardous Decomposition or Byproducts Hazardous oxides of nitrogen.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	Heat and fire

Section VI - Health Hazard Data

Route(s) of Entry:	Eye contact; Skin contact; Inhalation; Ingestion		
Health Hazards (<i>Acute and Chronic</i>)			
Dry chemical of cold pack may be an eye irritant, Dry chemical of cold pack is a skin irritant with prolonged contact, Dry chemical of cold pack has slight to moderate toxicity when ingested, Minimal hazard of inhalation under normal conditions. No health hazards when dry chemical and water are in solution.			
Carcinogenicity: N/A			
Signs and Symptoms of Exposure			
Eye contact with dry chemical may result in eye discomfort and aggravation.. Skin contact with dry chemical may result in mechanical discomfort and rash with prolonged contact. Swallowing large amounts of dry chemical may have serious or even fatal effects. Inhalation of large amounts of dry chemical dust may have serious or even fatal effects.			
Medical Conditions Generally Aggravated by Exposure			
Not Available			
Emergency and First Aid Procedures (for dry chemical of the Cold Pack)			
Eyes If material gets into the eyes, immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. Seek immediate medical attention.			
Skin Wash with mild soap and water.			
Swallowing DO NOT induce vomiting. If person is conscious, dilute stomach contents with 48 oz. of water and seek medical attention. Contact poison control for advise.			
Inhalation Exposure to thermal decomposition – evacuate person to fresh air, give respiratory support. Seek immediate medical attention.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Sweep up material for disposal
Waste Disposal Method Dispose product in trash
Precautions to Be taken in Handling and Storing Avoid contact with incompatible materials. Avoid exposure to heat sources. Avoid contamination with organic matter. Do not store near food stuff.
Other Precautions None

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>) Adequate to control dust		
Ventilation	Local Exhaust Not Required	Special Not Required
	Mechanical (<i>General</i>) Not Required	Other Not Required
Protective Gloves Conventional work gloves	Eye Protection Safety glasses with side shields	
Other Protective Clothing or Equipment Not Required		
Work/Hygienic Practices Standard		