CORPOBATON PASSION. PARTNERSHIP. POSSIBILITIES.

SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

Product: Alcohol Prep Pads

Product Label Name: Dukal Alcohol Prep Pads (private label included)

Company Name and Address: Dukal Corporation

2 Fleetwood Court

Ronkonkoma, NY 11779

Emergency Telephone Number: 631-656-3800

Recommended use: This product is intended for use as a skin antiseptic. It is for

external use only.

SECTION 2: HAZARDOUS IDENTIFICATION

Hazard Class/Category: Flammable Liquid – 3

Eye Irritation – 2B

Hazard Symbol:

Signal Word: Warning

Hazard Statements: Flammable liquid and vapor. (H226)

Causes eye irritation. (H320)

Precautionary statements:

General: Keep out of reach of children. (P102)

Eyes: IF IN EYES: Rinse cautiously with water for several minutes.

If eye irritation persists: Get medical advice/attention.

(P305+P338) (P337+P313)

SECTION 3: INFORMATION ON INGREDIENTS

Component Name	CAS#	Concentration	R Phrase
Isopropyl Alcohol	67-63-0	>60%	R11



SECTION 4: FIRST-AID MEASURES

Emergency first aid procedures by route of exposure:

Inhalation: If symptoms are experience, remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion: Do not induce vomiting. If the material is swallowed have victim drink 1-3 glasses of water to dilute stomach contents. Seek medical attention or advice.

Skin: If irritation is experienced, rinse with water. If irritation persists, seek medical attention.

Eyes: Rinse eyes with water for 15 minutes holding the eye open. Seek medical attention if irritation persists

SECTION 5: FIRE-FIGHTING MEASURES

Flammability Classification: Flammable Liquid IB Extinguishing Media: Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, or alcohol resistant foam.

Products of Combustion: Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

Fire Fighting Equipment/Instructions: Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: For large spills wear gloves, safety glasses and when levels exceed OSHA PEL use appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

Environmental Precautions: Prevent discharge to open waters.

Method for Containment: Absorb spilled liquid in suitable non-flammable inert material such as clay, vermiculite or diatomaceous earth.

Methods for Clean-Up: Ventilate area of leak or spill. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area with water.

SECTION 7: HANDLING AND STORAGE

Handling: Keep away from heat, sparks and flame. Prevent contact with eyes. Use in well ventilated area.

Storage: Keep the container tightly closed and in a cool, well ventilated place.

CORPORION N

SAFETY DATA SHEET

SECTION 8: EXPOSURE CONTROLS

Isopropyl Alcohol (67-63-0)

ACGIH: 200 ppm TWA

OSHA: 400 ppm TWA; 980 mg/m3 TWA

Engineering Controls: Normal room ventilation is usually adequate under normal

use.

Personal Protective Equipment (PPE):

Eye/Face Protection: None needed under normal use – Wear goggles is exposed

to unusual amount and splashing

Skin Protection: None needed under normal use -- Wear overalls or apron if

splashing is possible

Respiratory Protection: May be needed if vapor concentrations are high.

General Hygiene Considerations: None needed under normal use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Non-woven cloth saturated with liquid. <0.5mL of free liquid in packaging.

Appearance/Color: Clear

Odor: Alcohol

Flash Point: 53.1°F/11.7 °C - Closed Cup Method

PH: Not Available.

Vapor Density: 2.1 (air=1)
Boiling Point: 80°C
Vapor Pressure: No data
Melting Point: No data

Freezing Point: Not Available

Flammability Properties (see section 5)

Solubility (in water): Soluble

Specific Gravity @ 25°C: 0.88-0.92 Evaporation Rate: Not Available

Octanol/Water partition coefficient: Not Available

Auto-ignition temperature: Not Available **Decomposition temperature**: Not Available

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal ambient temperatures 70°C (21°C) **Condition to Avoid**: Avoid excessive heat or sources of ignition.

Incompatible Materials: This product reacts with strong acid, strong bases, and oxidizing agents. **Hazardous Decomposition**: Upon decomposition, this product evolves carbon monoxide, carbon dioxide, and/or low weight hydrocarbons.

oxide, and/or low weight hydrocarbons.

CORPORATION N

SAFETY DATA SHEET

Hazardous Reactions: Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:

A: General Product information

Product contains isopropyl alcohol.

B: Acute Toxicity

Low order of acute toxicity is possible.

CHRONIC EFFECTS: Component

Isopropyl Alcohol (67-63-0) -- This product is not expected to cause long term adverse effects

Carcinogenicity: ACGIH A4 - Not Classifiable as a Human Carcinogen

Neurotoxicity: No information available

Mutagenicity: No information available for product.

Reproductive: This product is not expected to cause reproductive health effects **Developmental**: This product is not expected to cause reproductive health effects.

Target Organs: When consumed, ethyl alcohol can target the respiratory system, skin, eyes, CNS,

liver, blood and reproductive system.

SECTION 12: ECOLOGICAL INFORMATION

Solutions of alcohols are toxic to aquatic life at moderate to low concentrations. No long-term ecological effects are likely. Concentrated solutions of alcohols and surfactants may cause damage to aquatic and terrestrial plants.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with federal state and local regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld near container. Do not incinerate closed containers. Empty containers may contain hazardous residues. Dispose of containers with care.

SECTION 14: TRANSPORATION INFORMATION

Product contains <0.5mL total liquid per unit. Some free liquid may be present.

DOT (ORM-D Exemption)

Proper Shipping Name ISOPROPANOL

Hazard Class 3
Packing Group II

Description CONSUMER COMMODITY/ LTD QTY, ORM-D

Emergency Response Guide Number 127

<u>UN-No</u>. UN1219

Proper Shipping Name ISOPROPANOL

Hazard Class 3
Packing Group II

Description UN1219, ISOPROPANOL, 3, II

CORPOBALON PASSION. PARTNERSHIP. POSSIBILITIES.

SAFETY DATA SHEET

Limited Quantity (Per Package) 1 Liter

<u>IATA</u>

UN-No. UN1219

Proper Shipping Name ISOPROPANOL Hazard Class 3 (Flammable Liquid)

Packing Group

Description UN1219, ISOPROPANOL, 3, II

Marine Pollutant NO

IMDG/IMO

UN-No. UN1219

Proper Shipping Name ISOPROPANOL

Hazard Class 3
Packing Group II
EMS No. F-

EMS No. F-E, S-D Special Provisions 223, 274.

Description UN1219, ISOPROPANOL, 3, II, (23°C C.C.)

Marine Pollutant NO

DOT Ground ORM-D Exemption: Consumer Commodity / Limited Quantity

ORM-D (Other Regulated Material – Domestic): Consumer Commodity, Limited Quantity.

"ORM-D, Consumer Commodity" label for domestic ground shipping in consumer packaging only. Suitable ORM-D labelling for air and vessel shipments requires additional labelling and Shipping Papers, in accordance with DOT CFR 172.

"Limited Quantity" marking required on each package for ground shipping of limited quantities (1 Liter or less) without Shipping Papers, as defined in DOT CFR 172.101.

SECTION 15: REGULATORY INFORMATION

DOT/USA

Label Information: Flammable Liquid

WHMIS / CANADA

Class: B2 Flammable Liquid

SECTION 16: OTHER INFORMATION

Issue Date: 03-26-14
Revision Date: 06-29-16



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CORPOBATON PASSION. PARTNERSHIP. POSSIBILITIES.

SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT: BZK Prep Pads and Towelette

Product Label Name: BZK Prep Pads and Towelette

Company Name and Address: Dukal Corporation

2 Fleetwood Court

Ronkonkoma, NY 11779

Emergency Telephone Number: 631-656-3800

Recommended use: First Aid Antiseptic.

SECTION 2: HAZARDOUS IDENTIFICATION

Hazard Class/Category: Eye Irritant – 2B

Skin Irritant – 3

Hazard Symbol: No Symbol

Signal Word: Warning

Hazard Statements: Causes eye irritation (H320)

Causes mild skin irritation (H316)

Precautionary statements:

Eyes: IF IN EYES: Rinse cautiously with water for several

minutes. If eye irritation persists: Get medical advice/attention. (P305+P351) (P337+P313)

Skin: If skin irritation occurs: Wash with plenty of soap and

water. (P332+P352)

SECTION 3: INFORMATION ON INGREDIENTS

Ingredient list	Cas #	%
Benzalkonium Chloride	8001-54-5	0.50%
Sodium bicarbonate	144-55-8	0.05%
Purified Water	7732-18-5	QS to 100

CORPOBATON PASSION, PARTNERSHIP, POSSIBILITIES.

SAFETY DATA SHEET

SECTION 4: FIRST-AID MEASURES

First aid procedures

Inhalation: Not a normal route of exposure. May cause respiratory

tract irritation.

Ingestion Not a normal route of exposure. May cause stomach

distress, nausea or vomiting.

Target organs: Eyes. Skin.

Chronic effects Prolonged or repeated exposure can cause drying,

defatting and dermatitis.

Signs and symptoms Symptoms may include redness, edema, drying, defatting

and cracking of the skin.

Overexposure: Symptoms of overexposure may be headache, dizziness,

tiredness, nausea and vomiting.

Eye contact: Rinse cautiously with water for several minutes. If eye

irritation persists: Get medical advice/attention.

Skin contact: In case of skin irritation, wash with plenty of soap and

water. Discontinue use of product.

Inhalation: Not a normal route of exposure. If symptoms develop,

move victim to fresh air. If symptoms persist, obtain

medical attention.

Ingestion: Not a normal route of exposure. Do not induce vomiting.

Never give anything by mouth if victim is unconscious, or

is convulsing. Obtain medical attention.

Note to Physician: Symptoms may be delayed.

General Advice: If you feel unwell, seek medical advice (show the label

where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep out of reach of children. Avoid contact

with eyes.

CORPOBATON PASSION, PARTNERSHIP, POSSIBILITIES.

SAFETY DATA SHEET

SECTION 5: FIRE-FIGHTING MEASURES

Flammable properties Not flammable by OSHA criteria

Suitable extinguishing media Treat for surrounding material.

Specific hazards arising from the chemical: Not available

Protective equipment for firefighters Firefighters should wear full protective clothing

including self-contained breathing apparatus.

Hazardous combustion products May include and are not limited to: Oxides of carbon.

Hydrogen chloride.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions Keep unnecessary personnel away. Do not touch or walk

through spilled material. Do not touch damaged

containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of

spill/leak.

Methods for containment Prevent entry into waterways, sewers, basements or

confined areas.

Methods for cleaning up Pick up and discard towel.

SECTION 7: HANDLING AND STORAGE

Handling Use good industrial hygiene practices in handling this

material.

Storage Keep out of reach of children. Store in a closed container

away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS

Engineering controls General ventilation normally adequate.

Personal protective equipment

Eye / face protection Follow standard industrial hygiene practices.

CORPOBATON PASSION, PARTNERSHIP, POSSIBILITIES.

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Hand protection Not required.

Skin and body protection As required by employer code.

Respiratory protection Where exposure guideline levels may be exceeded, use

an approved NIOSH respirator.

General hygiene considerations Handle in accordance with good industrial hygiene and

safety practice. When using do not eat or drink.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Liquid saturated on wipe

Color Clear liquid

Form Liquid saturated on wipe.

Odor Characteristic
Odor threshold Not available

Physical state Solid

pH Not available
Melting point Not available
Freezing point Not available
Boiling point 101.11 °C (214 °F)

Flash point Not available **Evaporation rate** Not available Flammability limits in air, lower Not available Flammability limits in air, upper Not applicable Not available Vapor pressure Vapor density Not available **Specific gravity** Not available Octanol/water coefficient Not available Solubility (H2O) Not available **Auto-ignition temperature** Not available VOC (Weight %) Not available **Viscosity** Not available

SECTION 10: STABILITY AND REACTIVITY

Percent volatile

Chemical stability Stable under recommended storage conditions.

Not available

Conditions to avoid Incompatible materialsDo not mix with other chemicals.

Caustics. Acids. Oxidizers.

Hazardous decomposition products

May include and are not limited to: Oxides of

carbon. Hydrogen chloride.

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SAFETY DATA SHEET

Possibility of hazardous reactions Hazardous polymerization does not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Effects of acute exposure

Eye May cause irritation.

Skin In case of skin irritation, discontinue use of the product. **Inhalation** Not a normal route of exposure. May cause respiratory

tract irritation.

Ingestion Not a normal route of exposure. May cause stomach

distress, nausea or vomiting.

SensitizationNon-hazardous by WHMIS/OSHA criteria.Chronic effectsNon-hazardous by WHMIS/OSHA criteria.CarcinogenicityNon-hazardous by WHMIS/OSHA criteria.MutagenicityNon-hazardous by WHMIS/OSHA criteria.Reproductive effectsNon-hazardous by WHMIS/OSHA criteria.TeratogenicityNon-hazardous by WHMIS/OSHA criteria.

SECTION 12: ECOLOGICAL INFORMATION

None available

SECTION 13: DISPOSABLE INFORMATION

Waste codes Not available

Disposal instructions Discard after single use. Review federal, state/provincial,

and local government requirements prior to disposal.

Discard with solid waste. Dispose in accordance with all

applicable regulations.

Waste from residues / unused Not available Contaminated packaging Not available

SECTION 14: TRANSPORATION INFORMATION

U.S. Department of TransportationTransportation of Dangerous GoodsNot regulated as dangerous goods.

SECTION 15: REGULATORY INFORMATION

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous No chemical



SECTION 16: OTHER INFORMATION

Issue Date: 06-18-2014 Revision Date: 06-13-2016

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #007

Product Name First Aid Burn Cream

Product Use Topical Antiseptic and Analgesic Skin Cream

Manufacturer Water Jel Technologies LLC

50 Broad Street

Carlstadt, New Jersey 07072

 Telephone
 201-507-8300

 E-mail Address
 www.waterjel.com

 Emergency Telephone
 1-800-275-3433

 FAX Number
 201-507-8325

Issue Date: 08-25-2015

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview:

This product is regulated by the US FDA as an over-the-counter, monograph drug.

For Consumers, consult the Drug Facts on the package for use directions and warnings information.

Warnings: For External Use Only.

When using this product, avoid contact with the eyes.

Do not use on large areas of the body or on broken, blistered or oozing skin.

Stop use and ask a doctor if condition worsens or symptoms persist for more than 7 days.

If swallowed, get medical help or contact a Poison Control Center immediately.

Physical Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012. Health Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012. Environmental Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012. OSHA Defined Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.

Label Elements:

Hazard Symbol: None

Signal Word: None

Hazard Statement: The mixture does not meet the criteria for classification.

Precautionary Statement:

Prevention None required according to OSHA Hazcom 2012.
Response None required according to OSHA Hazcom 2012.
Storage None required according to OSHA Hazcom 2012.
Disposal None required according to OSHA Hazcom 2012.

Hazards not otherwise

Classified (HNOC): None known.

Supplemental Information: None.



Route of Entry:

Skin Contact: May cause irritation, redness, inflammation or dryness.

Skin Absorption: No adverse conditions expected.

Eye Contact: Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical

attention.

Inhalation: Not expected due to form.

Ingestion: May cause irritation of the digestive tract.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	Common Name and Synonyms	CAS Number	%
Benzalkonium Chloride		63449-41-2	0.13
Lidocaine HCI		6108-05-0	0.5
Glycerin	1, 2, 3, Propanetriol	56-81-5	Proprietary
Triethanolamine	Trolamine	102-71-6	Proprietary
Propylene Glycol	1, 2, 3, Propanetriol 2-Hydroxypropanol	57-55-6	Proprietary

SECTION 4: FIRST AID MEASURES

Skin Contact: Wash off with warm water and soap. Get medical attention if symptoms occur.

Skin Absorption: No adverse conditions expected.

Eye Contact: Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical

attention.

Inhalation: Remove victim to fresh air.

Ingestion: May cause irritation of the digestive tract.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable: No

Means of Extinction: Use extinguishing media appropriate for surrounding fire. Use water spray, foam or dry

chemical.

In fires involving large quantities of this product, the use of large streams of water should be

avoided.

Use self-contained breathing apparatus when fighting fires that involve this material.

Flash Point and Method: NA

Upper Flammable Limit (% by volume):

NA
Lower Flammable Limit (% by volume):

NA
Autoignition Temperature (°C):

NA

Explosion Data – Sensitivity to Impact:

Explosion Data – Sensitivity to Static Discharge:

Hazardous Combustion Products:

No unusual fire or explosion hazards noted.

No unusual fire or explosion hazards noted.

Carbon oxides. Nitrogen Oxides (NOx).

NFPA Health 1 Fire 0 Reactivity 0 Other NA



SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, Protective equipment and

Emergency procedures: Wear appropriate personal protective equipment.

Methods and materials for containment and clean up:

Absorb spill with vermiculite or other inert material, then place in a sealed container for

chemical waste.

Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or

confined areas. Dike for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to

remove residual contamination.

Environmental Precautions: Avoid discharge into drains and water sources.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: Keep this and other chemicals out of the reach of children.

Storage Temperature: Do not store or mix with strong acids or oxidizers. Store at room

temperature.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

Components	ACGIH-TLVs	OSHA-PELs	NIOSH	Form
Glycerin (CAS 57-55-8)	NE	5 mg/m3		Aerosol
Propylene Glycol (CAS 57-55-6)	10 mg/m3	NE	NE	Aerosol
Triethanolamine (CAS 102-71-6)	5 mg/m3	NE	NE	Aerosol

Biological Limit Values: No biological Exposure limits noted for the ingredients.

Ventilation and Engineering Controls: Ensure adequate ventilation.

Personal Protective Equipment: None required under normal conditions Hand Protection: None required under normal conditions.

Eye and Face Protection: Eye protection, as necessary to prevent excessive contact.

Skin Protection: None required under normal conditions.

General Hygiene Considerations: Practice safe work habits.

Other Protective Equipment: Eye wash stations should be nearby and ready to use.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Cream.
Physical State: Cream.
Form: Cream.

Color: White, homogeneous. Odor: Slightly fatty odor.

pH: No information available.

Boiling Point: 275°F

Melting Point: No information available.

Flash Point: N/A

Explosive Properties: No information available. Oxidizing Properties: No information available.

Specific Gravity: 0.81
Water Solubility: Miscible.
Partition Coefficient: No information available.

Viscosity:

Vapor Pressure (mm Hg):

Vapor Density (Air=1):

No information available.

No information available.

No information available.

Vapor Density (Air=1): No information available. Evaporation Rate: No information available. Wolatile: No information available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions of use.

Chemical Stability: Stable at normal conditions.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur.

Conditions to Avoid: Extreme heat.

Materials to Avoid Strong oxidants and strong acids. Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Symptoms of Overexposure by Route of Exposure:

The health hazard information provided is for handling this product in an occupational setting.

Effects of Acute and Chronic Exposure:

<u>Acute</u>: The primary health effect that may be experienced in an occupational setting is mild irritation of contaminated skin. Accidental ingestion may be harmful. Although unlikely, irritation can irritate the respiratory system. Eye contact will cause irritation.

Chronic: NE

Target Organs: <u>Acute</u>: Occupational exposure: Skin, eyes.

Chronic: Occupational exposure: Skin.

Inhalation:

Mist may slightly irritate the nose, throat and lungs. Symptoms are generally alleviated upon breathing fresh air.



Skin Contact:

Skin contact may cause burning sensation, stinging, itching and tingling.

Eye Contact:

Eye contact can cause irritation, stinging, redness and tearing.

ngestion:

Ingestion is not a significant route of occupational overexposure. Acute ingestion of large quantities of this product or chronic ingestion may cause adverse symptoms that may include nausea, vomiting and diarrhea.

Irritancy of the Product:

This product may cause mild to moderate irritation on damaged skin.

Skin Sensitization:

Not expected.

Respiratory Sensitization:

Not expected.

LD50/LC50:

Propylene Glycol (CAS 57-55-6)

• Oral (rat): 2200mg/k

• Dermal: (rabbit) 20800 mg/k

Triethanolamine):

Oral (rat): 6110 mg/kg

Dermal: (rabbit): >19870 mg/k

Glycerin (Mist):

Oral (rat): 12,600 mg/kg

• Subcutaneous (rat): Not Available

Carcinogenicity: Not classified as a human carcinogen by IARC or ACGIH.

Reproductive Toxicity:

<u>Mutagenic/Embryo Toxicity</u>: The components of this product are not reported to cause mutagenic or embryonic effects in humans.

Teratogenicity: Not available.

Reproductive Toxicity: Not available.

SECTION 12: ECOLOGICAL INFORMATION

No specific information is currently available on the effect of this product on plants or animals in the environment. The product may be harmful to contaminated terrestrial and aquatic plant life in large quantities. The following aquatic toxicity data currently available for components of this product:

Propylene Glycol:

EC50 Green Algae (Desmodesmus subspicatus) 19000 mg/l 96 hours EC50 Water Flea (Daphnia magna) 43500 mg/l 48 hours LC 50 Fathead Minnow (Pimephales promelas) 46500 mg/l 96 hours



Triethanolamine:

EC50 Green Algae (Desmodesmus subspicatus) 512 mg/l 72 hours NOEC Water Flea (Daphnia magna) 16 mg/l 21 days LC 50 Fathead Minnow (Pimephales promelas) 11800 mg/l 96 hours

Environmental Exposure Controls: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

No component of this product is known to have ozone depletion potential.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions: Collect or dispose in sealed containers at licensed waste disposal site.

Dispose in accordance with local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not regulated for Domestic Transport.

IATA Classification: Not regulated for International Transport.

IMDG Classification: Not regulated for International Water Transport.

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not regulated.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not listed.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT) 304: Not regulated.

SARA 311/312 HAZARD CATEGORIES: Not regulated.

SARA 313 REPORTABLE INGREDIENTS: Not listed.

STATE REGULATIONS:

California Prop 65:

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

New Jersey RTK: Glycerin (CAS 56-81-5) Propylene Glycol (CAS 57-55-6) Triethanolamine (CAS 102-71-6)

Massachusetts RTK:

Triethanolamine (CAS 102-71-6)

Pennsylvania RTK:

Propylene Glycol (CAS 57-55-6) Triethanolamine (CAS 102-71-6)



INTERNATIONAL REGULATIONS:

Country or Region	Inventory Name	Listed
Australia	Australia Inventory of Chemical Substances	No
Canada	Domestic Substance List (DSL)	Yes
Canada	Non-Domestic Substance List (NDSL)	No
China:	Inventory of Existing Chemical Substances In China (IECSC)	Yes
Europe	European List of Notified Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto	Rico Toxic Substance Control Act (TSCA) Inventory	No

Note: A "Yes" indicates that all components comply with the inventory requirements administered by the

governing country.

A "No" indicates that one or more components of the product are not listed or exempt from listing on

the inventory administered by the governing country.

SECTION 16: OTHER INFORMATION

Issue Date: 08-25-2015

Version: 02

Disclaimer:

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SECTION 1: PRODUCT IDENTIFICATION

PRODUCT: Urea Cold Pack
Product Label Name: Urea Cold Pack

Company Name and Address: Dukal Corporation

2 Fleetwood Court

Ronkonkoma, NY 11779

Emergency Telephone Number: 631-656-3800

Recommended use:

SECTION 2: HAZARDOUS IDENTIFICATION

Hazard Class/Category: Acute Toxicity Cat. 5

Eye Irritant Cat. 2A Skin Irritant Cat. 3

Hazard Symbol: No Symbol

Signal Word, Cautions or

Precautionary statements: WARNING. May be harmful if swallowed or inhaled. Causes eye

irritation. Causes skin irritation. Causes respiratory irritation. IF SWALLOWED: Call a POISON CENTER or doctor/physician. Induce vomiting as directed. IF IN EYES: Rinse cautiously with water for at least 15 minutes. Get medical advice/attention. IF ON SKIN: Rinse cautiously with water for several minutes. Take

off contaminated clothing and wash before reuse.

Additional Label Precautions:

Avoid breathing dust.

Keep container closed.

Avoid contact with eyes, skin and clothing.

Use only with adequate ventilation.

If breathing is difficult, give oxygen. In any case, get medical attention.

Product Use: Laboratory Reagent.

Synonyms: Carbamide resin; Isourea; Carbonyl diamide; Carbonyldiamine

CAS No.: 57-13-6 Molecular Weight: 60.06

Eye: Eye irritant. Contact may cause stinging, watering, redness, and

swelling.

Skin: Skin irritant. Contact may cause redness, itching, burning and

skin damage. No harmful effects from skin absorption have

been reported.

Inhalation (Breathing): Low to moderate degree of toxicity by inhalation. Ingestion (Swallowing): Low to moderate degree of toxicity by ingestion.

Signs and Symptoms: Effects of overexposure may include irritation of the nose,

throat and digestive tract; coughing, nausea, vomiting, diarrhea, abdominal pain, breathing difficulties, and blood disorders

(methemoglobinemia).



Cancer: No data available.

Target Organs: No data available.

Developmental: Inadequate data available for this material.

Other Comments: This material contains nitrate salts. Nitrates may be reduced by

intestinal bacteria to nitrite. When absorbed, nitrites may result in effects on the blood (methemoglobinemia) and blood vessels (vasodilating and a fall in blood pressure). Symptoms of toxicity may include headache, fainting, fatigue, cyanosis, confusion, irregular heartbeats, and possible respiratory paralysis. Pre-existing heart disease may be aggravated by

exposure to nitrates.

Pre-Existing Medical Conditions: Conditions aggravated by exposure may include heart, blood

vessel and skin disorders.

SECTION 3: INFORMATION ON INGREDIENTS

Ingredient	CAS No	Percent	Hazardous
Urea	57-13-6	50%	Yes
Water	7732-18-5	50%	No

SECTION 4: FIRST-AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If

breathing is difficult, give oxygen. Get medical attention.

Skin contact: Immediately flush skin with plenty of water for at least 15

minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before

reuse. Get medical attention if symptoms occur

Eye contact: Immediately flush eyes with plenty of water for at least 15

minutes, lifting lower and upper eyelids occasionally. Get

medical attention immediately.

Induce vomiting immediately as directed by medical personnel.

Never give anything by mouth to an unconscious person. Get

medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Fire: Not considered to be a fire hazard.

Explosion:Reactions with incompatibles may pose an explosion hazard. **Fire Extinguishing Media:**Use any means suitable for extinguishing surrounding fire. **Special Information:**In the event of a fire, wear full protective clothing and NIOSH.

In the event of a fire, wear full protective clothing and NIOSHapproved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure

mode.



SECTION 6: ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

SECTION 7: HANDLING AND STORAGE

To preserve product integrity, store at 25C, excursions permitted between 15C and 30C. Store in a tightly closed container. Protect container from physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

SECTION 8: EXPOSURE CONTROLS

Airborne Exposure Limits:
For Urea:
AIHA Workplace Environmental
Exposure Limit (WEEL):
Ventilation System:

10 mg/m3, 8-hour TWA

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details. Personal Respirators (NIOSH Approved):

If the exposure limit is exceeded and engineering controls are not feasible, a half facepiece particulate respirator (NIOSH type N95 or better filters) may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest.. A full-face piece particulate respirator (NIOSH type N100 filters) may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency, or respirator supplier, whichever is lowest. If oil particles (e.g. lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator.

WARNING: Air-purifying respirators do not protect workers in oxygendeficient atmospheres. If heat is involved, an

ammonia/methylamine, dust/mist cartridge may be necessary.

Skin Protection: Wear protective gloves and clean body-covering clothing.

Eye Protection:Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash

fountain and quick dranch facilities in work area

fountain and quick-drench facilities in work area.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White crystals or white powder.

Odor: Develops odor of ammonia.

Solubility: Very soluble in water.

Specific Gravity: 1.32 @ 20C/4C **pH:** 7.2 (10% in water)

% Volatiles by volume @ 21C (70F): 0

Boiling Point: Decomposes.

Melting Point: 132 - 135C (270 - 275F)
Vapor Density (Air=1): No information found.
Vapor Pressure (mm Hg): No information found.
Evaporation Rate (BuAc=1): No information found.

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage. **Hazardous Decomposition Products:** Urea decomposes upon heating and can form products

including ammonia, oxides of nitrogen, cyanuric acid, cyanic

acid, biuret, carbon dioxide.

Hazardous Polymerization: Will not occur.

Incompatibilities: Urea reacts with calcium hypochlorite or sodium hypochlorite

to form the explosive nitrogen trichloride. It is incompatible with sodium nitrite, gallium perchlorate, strong oxidizing agents (permanganate, dichromate, nitrate, chlorine), phosphorus pentachloride, nitrosyl perchlorate, titanium tetrachloride and

chromyl chloride.

Conditions to Avoid: Incompatibles.

SECTION 11: TOXICOLOGICAL INFORMATION

Urea (100%): Oral rat LD50: 8471 mg/kg. Investigated as a tumorigen, mutagen, and reproductive effector.

Section 12: ECOLOGICAL INFORMATION

Environmental Fate:

When released to soil, this material will hydrolyze into ammonium in a matter of days to several weeks. When released into the soil, this material may leach into groundwater. When

released into water, this material may biodegrade to a

moderate extent. When released into water, this material is not expected to evaporate significantly. This material has an experimentally-determined bioconcentration factor (BCF) of less than 100. This material is not expected to significantly bioaccumulate. When released into the air, this material is

expected to be readily degraded by reaction with

photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life of less

than 1 day.

Environmental Toxicity: No information found.



Section 13: DISPOSABLE CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14: TRANSPORTATION INFORMATION

Hazard Class or Division: Not classified as hazardous.

Section 15: REGULATORY INFORMATION

N/A

SECTION 16: OTHER INFORMATION

Issue Date: 09-15-2014 Revision Date: 12-7-2015

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #014

Product Name Triple Antibiotic Ointment

Product Use Topical Antibiotic Ointment

Manufacturer Water Jel Technologies LLC

50 Broad Street

Carlstadt, New Jersey 07072

 Telephone
 201-507-8300

 E-mail Address
 www.waterjel.com

 Emergency Telephone
 1-800-275-3433

 FAX Number
 201-507-8325

Issue Date: 08-25-2015

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview:

This product is regulated by the US FDA as an over-the-counter, monograph drug.

For Consumers, consult the Drug Facts on the package for use directions and warnings information.

Warnings: For External Use Only.

When using this product, avoid contact with the eyes.

Do not use on large areas of the body or on broken, blistered or oozing skin.

Do not use if you are allergic to any of the ingredients.

Stop use and ask a doctor if condition worsens or symptoms persist for more than 7 days.

If swallowed, get medical help or contact a Poison Control Center immediately.

Physical Hazards:
Health Hazards:
Environmental Hazards:
OSHA Defined Hazards:
This mixture does not meet the classification criteria according to OSHA Hazcom 2012.
This mixture does not meet the classification criteria according to OSHA Hazcom 2012.
This mixture does not meet the classification criteria according to OSHA Hazcom 2012.
This mixture does not meet the classification criteria according to OSHA Hazcom 2012.

Label Elements:

Hazard Symbol: None

Signal Word: None

Hazard Statement: The mixture does not meet the criteria for classification.

Precautionary Statement:

Prevention
Response
None required according to OSHA Hazcom 2012.
None required according to OSHA Hazcom 2012.
Storage
None required according to OSHA Hazcom 2012.
Disposal
None required according to OSHA Hazcom 2012.

Hazards not otherwise

Classified (HNOC): None known.

Supplemental Information: None.

Name: Triple Antibiotic Ointment



Route of Entry:

Skin Contact: May cause irritation, redness, inflammation or dryness.

Skin Absorption: No adverse conditions expected.

Eye Contact: Direct contact with eyes may cause temporary irritation.

Inhalation: Not expected due to form.

Ingestion: May cause irritation of the digestive tract.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	Common Name and Synonyms	CAS Number	%
Bacitracin Zinc USP		1405-89-6	Proprietary
Neomycin Sulfate		1405-10-3	Proprietary
Polymixin B Sulfate		1405-20-5	Proprietary
Petrolatum		8009-03-8	Proprietary

SECTION 4: FIRST AID MEASURES

Skin Contact: Wash off with warm water and soap. Get medical attention if symptoms occur.

Skin Absorption: No adverse conditions expected.

Eye Contact: Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical

attention.

Inhalation: Remove victim to fresh air.

Ingestion: Do not induce vomiting due to aspiration hazard. If vomiting should occur, lower head below knees to

avoid aspiration.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable: No

Means of Extinction: Use extinguishing media appropriate for surrounding fire. Use water spray, foam or dry

chemical.

In fires involving large quantities of this product, the use of large streams of water should be

avoided.

Use self-contained breathing apparatus when fighting fires that involve this material.

Flash Point and Method: NA

Upper Flammable Limit (% by volume):

NA
Lower Flammable Limit (% by volume):

NA
Autoignition Temperature (°C):

NA

Explosion Data – Sensitivity to Impact:

Explosion Data – Sensitivity to Static Discharge:

Hazardous Combustion Products:

No unusual fire or explosion hazards noted.

No unusual fire or explosion hazards noted.

Carbon oxides. Nitrogen Oxides (NOx).

NFPA Health 0 Fire 1 Reactivity 0 Other NA

Name: Triple Antibiotic Ointment



SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions,
Protective equipment and

Emergency procedures: Wear appropriate personal protective equipment.

Methods and materials for containment and clean up:

Absorb spill with vermiculite or other inert material, then place in a sealed container for

chemical waste.

Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or

confined areas. Dike for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to

remove residual contamination.

Environmental Precautions: Avoid discharge into drains and water sources.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: Keep this and other chemicals out of the reach of children.

Storage Temperature: Do not store or mix with strong acids or oxidizers. Store at room

temperature.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

Components ACGIH-TLVs OSHA-PELs NIOSH Form

Petrolatum (CAS 8009-03-8) 5 mg/m3 5 mg/m3 5 mg/m3 TWA Mist

Biological Limit Values: No biological Exposure limits noted for the ingredients.

Ventilation and Engineering Controls: Ensure adequate ventilation.

Personal Protective Equipment: None required under normal conditions Hand Protection: None required under normal conditions.

Eye and Face Protection: Eye protection, as necessary to prevent excessive contact.

Skin Protection: None required under normal conditions.

General Hygiene Considerations: Practice safe work habits.

Other Protective Equipment: Eye wash stations should be nearby and ready to use.

Name: Triple Antibiotic Ointment



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Ointment.
Physical State: Ointment.
Form: Ointment.

Color: White to off white.
Odor: Slightly fatty odor.

pH: No information available.
Boiling Point: >200°F closed cup
Melting Point: No information available.

Flash Point: N/A

Explosive Properties: No information available. Oxidizing Properties: No information available.

Specific Gravity: 0.87

Water Solubility: Insoluble.

Partition Coefficient:
Viscosity:
Vapor Pressure (mm Hg):
Vapor Density (Air=1):
Evaporation Rate:
No information available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions of use.

Chemical Stability: Stable at normal conditions.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur.

Conditions to Avoid: Extreme heat.

Materials to Avoid Strong oxidants and strong acids. Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Symptoms of Overexposure by Route of Exposure:

The health hazard information provided is for handling this product in an occupational setting.

Effects of Acute and Chronic Exposure:

<u>Acute</u>: The primary health effect that may be experienced in an occupational setting is mild irritation of contaminated skin. Accidental ingestion may be harmful. Although unlikely, irritation can irritate the respiratory system. Eye contact will cause irritation.

Chronic: NE

Target Organs: <u>Acute</u>: Occupational exposure: Skin.

Chronic: Occupational exposure: Skin.

Inhalation:

Mist may slightly irritate the nose, throat and lungs. Symptoms are generally alleviated upon breathing fresh air.

Name: Triple Antibiotic Ointment



Skin Contact:

Skin contact may cause burning sensation, stinging, itching and tingling.

Eve Contact:

Eye contact can cause irritation, stinging, redness and tearing.

Ingestion:

Ingestion is not a significant route of occupational overexposure. Acute ingestion of large quantities of this product or chronic ingestion may cause adverse symptoms that may include nausea, vomiting and diarrhea.

Irritancy of the Product:

This product may cause mild to moderate irritation on damaged skin.

Skin Sensitization:

Not expected.

Respiratory Sensitization:

Not expected.

LD50/LC50:

Petrolatum (CAS 8009-03-8)

Oral: Not available.Dermal: Not available.

Carcinogenicity: Not classified as a human carcinogen by IARC or ACGIH.

Reproductive Toxicity:

<u>Mutagenic/Embryo Toxicity</u>: The components of this product are not reported to cause mutagenic or embryonic effects in humans

Teratogenicity: Not available.

Reproductive Toxicity: This product is not expected to cause reproductive effects.

SECTION 12: ECOLOGICAL INFORMATION

No specific information is currently available on the effect of this product on plants or animals in the environment. The product may be harmful to contaminated terrestrial and aquatic plant life in large quantities. The following aquatic toxicity data currently available for components of this product:

Not expected to be harmful to aquatic organisms.

Environmental Exposure Controls: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

No component of this product is known to have ozone depletion potential.

SECTION 13: DISPOSAL CONSIDERATIONS

Name: Triple Antibiotic Ointment



Disposal Instructions: Collect or dispose in sealed containers at licensed waste disposal site.

Dispose in accordance with local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not regulated for Domestic Transport.

IATA Classification: Not regulated for International Transport.

IMDG Classification: Not regulated for International Water Transport.

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not regulated.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not listed.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT) 304: Not regulated.

SARA 311/312 HAZARD CATEGORIES: Not regulated.

SARA 313 REPORTABLE INGREDIENTS: Not listed.

STATE REGULATIONS:

California Prop 65:

Warning: This product does contain a chemical known to the State of California to cause cancer, birth, or any other reproductive defects.

Neomycin Sulfate USP (CAS 1405-10-3) - internal use only - listed October 1, 1992

New Jersey RTK:

Not listed.

Massachusetts RTK:

Petrolatum (CAS 8009-03-8)

Pennsylvania RTK:

Petrolatum (CAS 8009-03-8)

INTERNATIONAL REGULATIONS:

Country or Region	Inventory Name	Listed
Australia	Australia Inventory of Chemical Substances	Yes
Canada	Domestic Substance List (DSL)	No
Canada	Non-Domestic Substance List (NDSL)	Yes
China:	Inventory of Existing Chemical Substances In China (IECSC)	No
Europe	European List of Notified Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan .	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto	Rico Toxic Substance Control Act (TSCA) Inventory	No

Note: A "Yes" indicates that all components comply with the inventory requirements administered by the

governing country.

A "No" indicates that one or more components of the product are not listed or exempt from listing on

the inventory administered by the governing country.

Name: Triple Antibiotic Ointment



SECTION 16: OTHER INFORMATION

Issue Date:

08-25-2015

Version:

02

Disclaimer:

The information provided in this Safety Data Sheet (SDS) is accurate to the best of our knowledge. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or processes.

Name: Triple Antibiotic Ointment

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