



## 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**

**Emergency overview** Contact with liquid may cause eye and skin irritation.

**Potential short term health effects**

**Routes of exposure** Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

**Eyes** 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.

**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.

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

### **SECTION 3: INFORMATION ON INGREDIENTS**

Ingredient list	Cas #	%
Benzalkonium Chloride	8001-54-5	0.133%
Sodium bicarbonate	144-55-8	0.05%
Purified Water	7732-18-5	QS to 100



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### **SECTION 4: FIRST-AID MEASURES**

#### **First aid procedures**

##### **Eye contact**

Flush with cool water. Remove contact lenses, if applicable, and continue flushing.

Obtain medical attention if irritation persists.

**Skin contact** In case of skin irritation, 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.

**Notes 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.

### **SECTION 5: FIRE-FIGHTING MEASURES**

**Flammable properties** Not flammable by OSHA criteria

#### **Extinguishing media**

**Suitable extinguishing media** Treat for surrounding material.

**Unsuitable extinguishing media** Not available

#### **Protection of firefighters**

##### **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.

#### **Explosion data**

##### **Sensitivity to mechanical impact**

Not available

**Sensitivity to static discharge** Not available

### **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.



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### **SECTION 8: EXPOSURE CONTROLS**

**Engineering controls** General ventilation normally adequate.

**Personal protective equipment**

**Eye / face protection** Follow standard industrial hygiene practices.

**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, % by volume** Not available

**Flammability limits in air, upper, % by volume** Not applicable

**Vapor pressure** Not available

**Vapor density** Not available

**Specific gravity** Not available

**Octanol/water coefficient** Not available

**Solubility (H<sub>2</sub>O)** Not available

**Auto-ignition temperature** Not available

**VOC (Weight %)** Not available

**Viscosity** Not available

**Percent volatile** Not available

### **SECTION 10: STABILITY AND REACTIVITY**

**Chemical stability** Stable under recommended storage conditions.

**Conditions to avoid** Do not mix with other chemicals.

**Incompatible materials** Caustics. Acids. Oxidizers.

**Hazardous decomposition products** May include and are not limited to: Oxides of carbon. Hydrogen chloride.

**Possibility of hazardous reactions** Hazardous polymerization does not occur.



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### 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.

**Sensitization** Non-hazardous by WHMIS/OSHA criteria.

**Chronic effects** Non-hazardous by WHMIS/OSHA criteria.

**Carcinogenicity** Non-hazardous by WHMIS/OSHA criteria.

**Mutagenicity** Non-hazardous by WHMIS/OSHA criteria.

**Reproductive effects** Non-hazardous by WHMIS/OSHA criteria.

**Teratogenicity** Non-hazardous by WHMIS/OSHA criteria.

### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity** Not available

**Environmental effects** Not available

**Aquatic toxicity** Not available

**Persistence / degradability** Not available

**Bioaccumulation / accumulation** Not available

**Partition coefficient** Not available

**Mobility in environmental media** Not available

**Chemical fate information** Not available

**Other adverse effects** Not 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 products** Not available

**Contaminated packaging** Not available\

### SECTION 14: TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT) Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada) Not regulated as dangerous goods.

### SECTION 15: REGULATORY INFORMATION

**US Federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

**Canadian federal regulations:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

#### Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous No chemical



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### **SECTION 16: OTHER INFORMATION**

**Issue Date:** 6-18-14

**Revision Date:** 4-1-15

**Disclaimer:**

The information provided in this SDS is correct and is to the best of our knowledge, 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.