

## Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard 29CFR 1910. 1200. Standard must be consulted for specific requirements.

IDENTITY (As used on label and list): **BULK KLEEN® 745N**

### SECTION I -

Manufacturer's Name: BULK CHEMICALS, INC.  
 Address: 1074 Stinson Drive  
 City, State, and ZIP: Reading, PA 19605  
 Emergency Telephone No.: CHEM-TREC 1-800-424-9300  
 Other Information: (610) 926-4128  
 Signature of Person Responsible for Preparation:  
 Date Prepared: 9/16/05

HMIS Ratings: Health 3, Flammability 0, Reactivity 1

### SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	CAS NO.	OSHA PEL	ACGIH TLV	OTHER	% Wt
Potassium Hydroxide	1310-58-3	N/D	N/D	2mg/m <sup>3</sup>	5 – 15
Sodium Gluconate	527-07-01	N/D	N/D	N/D	5 – 15
Alkyl Aryl Alkoxy Potassium Salt	Proprietary	N/A	N/A	N/A	3 – 7
Sodium Hydroxide	1310-73-2	2mg/m <sup>3</sup>	N/D	N/D	10 – 30
Water	7732-18-5	N/A	N/A	N/A	30 – 60

### SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: 270 – 275 °F    Specific Gravity (H<sub>2</sub>O=1): 1.48    Vapor Pressure: N/D    Vapor Density: N/D  
 Freezing Point: < 27 °F    Evaporation Rate (H<sub>2</sub>O=1): N/D    Solubility in Water: 100%    HAP's: None  
 VOC's: None    pH (2% solution): 12.8    Reactivity in water: None  
 Appearance and Odor: Clear or amber liquid, mild odor

### SECTION 4 - FIRE & EXPLOSION DATA

Flash Point: None    Flammable Limits: N/A    Auto-Ignition Temperature: N/A  
 Extinguisher Media: Use as per surrounding media

Special Fire Fighting Procedures: Protective clothing and pressure demand, self-contained breathing apparatus should be worn by fire fighters in area where product is stored.

Unusual Fire and Explosion Hazards: Contact with metals (magnesium, aluminum, zinc, etc.) may generate hydrogen gas which is potentially explosive.

### SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Stable

Conditions to Avoid: Contact with incompatible materials.

Incompatibility (Materials to Avoid): Strong acids strong oxidizers, natural fibers, aluminum, magnesium, zinc.

Hazardous Decomposition Products: Oxides of carbon.

Hazardous Polymerization: Will Not Occur

**BULK KLEEN® 745N****SECTION 6 - HEALTH HAZARDS**

Harmful if swallowed,. Causes severe burns.

Chemical Listed as a Carcinogen or Potential Carcinogen:

National Toxicology Program: No

IARC Monographs: No

OSHA: No

Emergency and First Aid Procedures: EYES: Immediately flush with large amounts of water for 15 minutes. Get medical attention. SKIN: Wash area with plenty of water for 15 minutes. Then wash area thoroughly with soap and water. INGESTION: Wash out mouth thoroughly with water. Get immediate medical attention. INHALATION: Remove from contaminated area. If breathing is difficult, get medical attention.

**SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions to be taken in Handling and Storage: Keep from freezing.

Other Precautions: Keep container closed.

Steps to be Taken In Case Material is Released or Spilled: Large spills: Dike area with sand or earth and remove spill with vacuum truck. Transfer both liquids and solids to an approved salvage container. Any residues should be treated as for small spills. Small spills: first dilute spill with water, then neutralize with dilute acid. Flush spill area. Place clean-up materials and affected soils in approved container.

Waste Disposal Methods (Consult federal, state, and local regulations):

**SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

Respiratory Protection: NIOSH/MSHA approved mechanical filter type for mists

Ventilation: Ventilate as necessary to keep exposure levels below TLV's.

Protective Gloves: Rubber or PVC

Eye Protection: Chemical safety goggles with face shield

Other Protective Clothing or Equipment: Safety shower and eyewash station, impervious shoes.

Work/Hygienic Practices: Wash thoroughly after handling.

**BULK KLEEN® 745N**

## SECTION - 9 - D.O.T. INFORMATION

Proper Shipping Name: Compound Cleaning Liquid, R.Q. for containers > 55 gal. (Sodium Hydroxide)  
Hazard Class: 8, Corrosive  
I.D. No.: NA 1760  
Packing Group: II  
D.O.T. Labels: Corrosive  
D.O.T. Placards: Corrosive

N/A - Not Applicable < Less Than  
N/D - Not Determined > Greater Than

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.