

**KRS**  
**Material Safety Data Sheet**  
Emergency Phone Number: 800.201.2275

Product Division: Janitorial  
Product Name or Number (as it appears on label):  
KR1000

KRS  
1101 E. Diamond Ave.  
Evansville, IN 47711

▼ **SECTION I: PRODUCT INFORMATION**

Shipping Description: ALKALINE CLEANER			
NFPA Ratings		HMIS Ratings	
Health:	2	Health:	2
Fire:	0	Reactivity:	0
Reactivity:	0	Flammability:	0
		Protective Equip:	0

▼ **SECTION II: HAZARDOUS INGREDIENTS**

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	CAS Registry No.	TLV-PEL
2-BUTOXYETHANOL	111-75-2	25 ppm
SODIUM HYDROXIDE	1310-53-3	2mg/M3

▼ **SECTION III: PHYSICAL DATA**

Boiling Point:	Near Water	Vapor Pressure:	20 mm Hg
Vapor Density (AIR = 1):	>1	Solubility in Water:	Complete
Evaporation Rate (but. ace.=1):	<1	Percent Solid by Weight:	Approximately 75%
Physical State:	Liquid	Specific Gravity:	Approximately 1.08
Appearance & Odor:	Clear Red liquid, mild detergent odor	pH:	13+

▼ **SECTION IV: FIRE & EXPLOSIVE HAZARD DATA**

Flash Point:	N/A	Method Used:	N/A
Flammable Limits:	N/A	Flame Extension:	
Extinguishing Media:	Water		
Special Fire Fighting Procedures:	None.		
Unusual Fire & Explosive Hazards:	None.		

▼ **SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Skin, Eyes, Inhalation, and Oral
Effects of Overexposure:	Causes eye irritation: Severe eye irritant. Liquid and mists may damage the eyes causing corneal injury.		
Conditions to Avoid:	Causes skin irritation: Severe skin irritant. May cause redness or swelling and possible skin damage.		
	May be harmful if swallowed: Irritating and possibly corrosive to the mouth, throat, and gastrointestinal system. May cause headache or nausea.		
	Inhalation: Vapors may be irritating to mucous membranes in the nose, throat, and lungs.		

Emergency & First Aid Procedures:

<b>Eyes:</b>	Flush with water for 15 minutes. Remove contact lenses. Seek medical attention if irritation continues.
<b>Skin:</b>	Remove contaminated clothing. Rinse skin for 15 minutes. Treat with hand lotion. Seek medical attention if irritation continues.
<b>Ingestion:</b>	Do not induce vomiting. Drink large volumes of water or lemon juice to dilute product. Do not give anything by mouth to an unconscious person. Seek medical attention if needed.

#### ▼ SECTION VI: REACTIVITY DATA

<b>Stability:</b>	Stable	<b>Incompatible Materials:</b>	Strong Acids
<b>Hazardous Decomposition Products:</b>	Alkaline vapors in fire.		

#### ▼ SECTION VII: SPILL OR LEAK PROCEDURES

<b>Steps to be taken in case Material is Released or Spilled:</b>	Mop or otherwise absorb and hold for disposal. Wash area with water.
<b>Waste Disposal Method:</b>	Dispose of in compliance with all Federal, State, and Local laws and regulations.

#### ▼ SECTION VIII: SPECIAL PROTECTION INFORMATION

<b>Respiratory Protection:</b>	Use in well ventilated area.
<b>Ventilation:</b>	Good general ventilation should be sufficient.
<b>Protective Gloves (Specify Type):</b>	Waterproof
<b>Eye Protection (Specify Type):</b>	Safety Glasses.
<b>Other Protective Equipment:</b>	n/a

#### ▼ SECTION IX: SPECIAL PRECAUTIONS

<b>Precautions; Handling &amp; Storing:</b>	Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. For optimum use, keep out of extreme heat.
<b>Other Precautions:</b>	Do not mix with any other chemicals.

<b>PRODUCT/TECHNICAL INFORMATION</b>	<b>800.201.2275</b>
<b>Name:</b> Tony Richardt	<b>Title:</b> Project Manager
<b>Effective Date:</b> 01/01/2013	

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