



# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

<b>Product Name/Trade Name</b>	<b>2.75% Bleach</b>
	Ref#40000196
<b>Manufacturer:</b>	KIK CUSTOM PRODUCTS 2921 Corder Street Houston, Texas 77054
<b>Contact Number:</b>	Tel: 905-660-0444
<b>24 Hour Emergency Contact Number:</b>	Tel: 1-800-255-3924
<b>Prepared By:</b>	KIK CUSTOM PRODCUTS Laboratory
<b>Date Last Revised:</b>	<b>August 28, 2008</b>
<b>Replaces Date:</b>	<b>October 31, 2007</b>

## Section 2. Hazardous Ingredients

Name	%	CAS#	LD50/LC50
Sodium Hypochlorite	2.75 Minimum	7681-52-9	5800 mg/kg / >10500 mg/m <sup>3</sup> (1hr)
Sodium Hydroxide	>1.0%	1310-73-2	40 mg/Kg (IPR-mouse)/ N/A

## Section 3. Physical Data

<b>State</b>	Liquid	<b>pH</b>	12.6 maximum
<b>Appearance</b>	Clear Colorless	<b>% Volatile</b>	93% Approx.
<b>Odour</b>	Chlorine	<b>Boiling Point</b>	100°C
<b>Specific Gravity</b>	1.040 – 1.055	<b>Vapour Pressure</b>	N Av
<b>Solubility</b>	100%		

## Section 4. Fire & Explosion

<b>Flammable:</b>	YES	NO X
<b>Means of Extinction:</b>	Water, Carbon Dioxide, Dry Chemical or Foam	
<b>Special Procedures:</b>	Fire fighters should wear self-contained breathing apparatus.	
<b>Flash Point: &amp; Method:</b>	Not Applicable	
<b>Hazardous Combustion Products:</b>	Chlorine Gas.	

## Section 5. Reactivity Data

<b>Chemical Stability:</b>	YES	X	NO
<b>Conditions:</b>	Temperature above 40 °C, sunlight and metals,		
<b>Incompatibility:</b>	YES	X	NO
<b>What Substances?</b>	Acids, ammonia, urea, metals & oxidizers.		
<b>Reactivity / Conditions:</b>	Not Applicable		
<b>Hazardous Decomposition Products:</b>	Chlorine gas released by contact with acids. Contact with ammonia or urea produces nitrogen gas and chloramines. Oxygen is released on contact with metals.		

## 2.75% BLEACH

### Section 6. Toxicological Properties

#### Route of Entry

Skin Contact	X	Skin Absorption	Eye Contact	X
Inhalation Acute	X	Inhalation Chronic	Ingestion	X

**Effects of Acute Exposure:** Inhalation of vapours will irritate breathing passages and may cause breathing difficulty. CORROSIVE will cause severe irritation to eyes and skin. May cause permanent damage if not treated properly. Ingestion can cause corrosion of mucous membranes, severe esophageal burns and perforation of esophagus or stomach.

**Effects of chronic exposure:** Not Known.

**Carcinogenicity Reproductive Effects: Teratogenicity Mutagenicity:** Effects not known.

### Section 7. Preventative Measures

#### Protective Equipment

Gloves: Impervious PVC or Neoprene.

Eyes: Chemical splash goggles. Face shield also helpful.

Respiratory: Not normally required. Footwear: Protect shoes and feet when using product for floor cleaning.

**LEAK AND SPILL PROTECTION:** Small spills: Dilute product by flooding area with large quantity of water and flush to sanitary sewer. Large spills: Contain run-off by diking with suitable material. Soak up liquid on inert absorbent and transfer to approved container. Prevent spill from entering sewers or waterways

**WASTE DISPOSAL:** Reclaim or dispose in accordance with local regulations.

**STORAGE REQUIREMENTS:** Store in a cool, dry and well-ventilated area.

### Section 8. First Aid Measures

**Skin:** Wash with soap and water

**Eyes:** Flush eyes with cool running water holding eyelids apart to ensure thorough rinsing for 15 minutes. Remove contact lenses. See a doctor immediately.

**Inhalation:** Move to fresh air and restore breathing, if required.

**Ingestion:** DO NOT INDUCE VOMITING! Drink large amounts of water. Do not give anything by mouth to a convulsing or unconscious person. See a doctor immediately.

**General Advice:** If irritation occurs, see a doctor immediately.

### Section 9. Regulatory Information

#### WHIMS:

Health: 2

Flammability: 0

Reactivity: 1

**DOT :** Not Regulated

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