



# Material Safety Data Sheet

KIK INTERNATIONAL

## Section 1. Chemical Product and Company Identification

<b>Product Name/Trade Name</b>	<b>Cleaner with Bleach</b>
<b>Manufacturer:</b>	KIK INTERNATIONAL 2921 Corder Street. Houston, Texas 77054
<b>Contact Number:</b>	1 713 747-8710
<b>24 Hour Emergency Contact:</b>	1 800 255-3924
<b>Prepared by:</b>	KIK INTERNATIONAL Laboratory
<b>Replaces Date:</b>	March 4, 2005
<b>Date Last Revised:</b>	April 11, 2005

## Section 2. Hazardous Ingredients

Name	%	CAS#	LD50/LC50
Sodium Hypochlorite	2.00 – 3.00	7681-52-9	5800 mg/kg / >10500 mg/m <sup>3</sup> (1hr)

## Section 3. Physical Data

<b>State</b>	Liquid	<b>PH</b>	11.0 – 13.0
<b>Appearance</b>	Colourless	<b>% Volatile</b>	95% Approx.
<b>Odor</b>	Chlorine/floral	<b>Boiling Point</b>	100°C
<b>Specific Gravity</b>	1.030-1.055	<b>Vapor Pressure</b>	NAv
<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.		

## CLEANER WITH 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 vapors 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 will cause burning sensation in mouth, throat and stomach.

**Effects of chronic exposure:** Prolonged and repeated exposure with skin may cause drying, irritation, and dermatitis.

**Carcinogenicity Reproductive Effects: Teratogenicity Mutagenicity:** No known effects.

### *Section 7. Preventative Measures*

#### Protective Equipment

Gloves: Recommended                      Eyes: Safety glasses

Respiratory: Not normally required.      Footwear: Not Applicable

**LEAK AND SPILL PROTECTION:** FOR SMALL SPILLS WIPE UP OR MOP UP. For large spills control spill with absorbent; transfer to non-leaking containers. Rinse area thoroughly.

**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 or milk. 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: 1**

**Flammability:0**

**Reactivity: 2**

**DOT:** Not Regulated

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