



# Material Safety Data Sheet

**KIK INTERNATIONAL**

## *Section 1. Chemical Product and Company Identification*

<b>Product Name/Trade Name</b>	<b>Hilex Bleach</b>
<b>Manufacturer:</b>	KIK International 2921 Corder Street Houston Texas 77054
<b>Contact Number:</b>	Tel: 713 747-8710
<b>24 Hour Emergency Contact:</b>	Tel: 1 800 424-9300
<b>Prepared By:</b>	KIK International Laboratory
<b>Replaces Date:</b>	June 7, 2004
<b>Date Last Revised:</b>	August 16, 2004

## *Section 2 Hazardous Ingredients*

Name	%	CAS#	LD50/LC50
Sodium Hypochlorite	5.25-5.50	007681-52-9	N Av./N Av

## *Section 3 Physical Data*

<b>State</b>	Liquid	<b>Ph</b>	12.60 maximum
<b>Appearance</b>	Clear Colorless	<b>% Volatile</b>	93% Approx.
<b>Odor</b>	Chlorine	<b>Boiling Point</b>	100°C
<b>Specific Gravity</b>	1.080 minimum	<b>Vapor 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*

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

urea produces nitrogen gas and chloramines. Oxygen is released on contact with metals.

## Hilex 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 sever 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:** None Known.

**Carcinogenicity Reproductive Effects:** Terarogenicity Mutafenicity no known effects

### Section 7 Preventative Measures

#### Protective Equipment

Gloves: Not Normally Required

Eyes: Safety Glasses

Respiratory: Not normally required

Footwear: Not Applicable

### 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 persists see a doctor immediately.

### Section 9 Preparation Information

**HMIS Rating:** Health Hazard 1  
Fire Hazard 0  
Reactivity 2

**DOT:** Not Regulated

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