



Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product Name/Trade Name	12.5% Trade Industrial Bleach
	Ref#40000016
Manufacturer:	KIK CUSTOM PRODUCTS
	2921 Corder Street
	Houston, Texas 77054
Contact Number:	Tel: 905-660-0444
24 Hour Emergency Contact Number:	1-800-255-3924
Prepared By:	KIK CUSTOM PRODUCTS Laboratory
Date Last Revised:	October 31, 2007
Replaces Date:	June 21, 2005

Section 2. Hazardous Ingredients

Name	%	CAS#	LD50/LC50
Sodium Hypochlorite (1hr)	12.5 – 13.5	7681-52-9	5800 mg/kg / >10500 mg/m ³
Sodium Hydroxide	1.5 Max	1310-73-2	500 mg/kg/ N Av

Section 3. Physical Data

State	Liquid	pH	12.6 maximum
Appearance	Clear Pale Yellow	% Volatile	85% Approx.
Odour	Chlorine	Boiling Point	100°C
Specific Gravity	1.150 minimum	Vapour Pressure	N Av
Solubility	100%		

Section 4. Fire & Explosion

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

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Section 6. Toxicological Properties

Route of Entry	Skin Contact X	Skin Absorption X	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. If irritation occurs, see a physician.
Eyes: Remove contact lenses. Flush eyes with cool running water holding eyelids apart to ensure thorough rinsing for 15 minutes. 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. Preparation Information

WHMIS Rating: Health Hazard	3
Fire Hazard	0
Reactivity	2

DOT: Hypochlorite Solution, UN1791, 8, Pg III

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