



Bleach

Material Safety Data Sheet

KIK INTERNATIONAL

Section 1. Chemical Product and Company Identification

Product Name/Trade Name

Regular Bleach

Manufacturer:

KIK International
2921 Corder Street
Houston, Texas 77054

Contact Number:

Tel: 713-747-8710

Prepared By:

KIK International Laboratory

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Section 2. Hazardous Ingredients

Name	%	CAS#	LD50/LC50
Sodium Hypochlorite	5.25 - 5.50	7681-52-9	5800 mg/kg / >10500 mg/m ³ (1hr)

Section 3. Physical Data

State	Liquid	pH	12.6 maximum
Appearance	Clear Colorless	% Volatile	93% Approx.
Odour	Chlorine/	Boiling Point	100°C
Specific Gravity	1.080 min	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.	

REGULAR 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 sever 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 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: 2

Flammability: 0

Reactivity: 2

DOT: Not Regulated

REGULAR BLEACH

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