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Item # 302934

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Material Safety Data Sheet

KIK INTERNATIONAL

Section 1. Chemical Product and Company Identification

Product Name/Trade Name
Manufacturer:

Parabright Commercial Bleach
KIE-International
2921 Gordon Street
Houston, Texas 77054
Tel: 713-747-8770
Tel: 1-800-424-2300
KIK International Laboratory
June 10, 2003
November 14, 2002

Contact Number:
24 Hour Emergency Contact:
Prepared By:
Date Last Revised:
Replaces Date:

Section 2 Hazardous Ingredients

Name	%	CAS#	LD50/LC50
Sodium Hypochlorite	5.5 - 6.0	60758-52-9	3000 mg/kg / >10500 mg/m ³ (lhr)

Section 3 Physical Data

State	Liquid	MP	1275
Appearance	Clear Colorless	VP	95% Atmos.
Odor	Chlorine	BP	188°C
Specific Gravity	1.075	Yield Point	N/A
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, organic acids		
Reactivity / Conditions:	Not Applicable	
Hazardous Decomposition Products:	Chlorine gas released by contact with acids. Contact with ammonia or urea produces nitrogen gas and cyanogen. Oxygen is released on contact with metals.	

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PUREBRIGHT GERMICIDAL BLEACH**Section 6 Toxicological Properties****Route of Entry**

Skin Contact	X	Eye Contact	X
Inhalation Acute	X	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 will cause burning sensation in mouth, throat and stomach.

Effects of chronic exposure: None Known.

Carcinogenicity Reproductive Effects: Teratogenicity Mutagenicity no known effects

Section 7 Preventative Measures**Protective Equipment**

Gloves: Impervious PVC or Neoprene. Footwear: Protect shoes and feet with rubber boots.

Respiratory: Not normally required. Eye wear: Protect eyes and face with safety goggles for spill 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 spill-off by diluting with water. Absorb liquid on inert absorbent and transfer to approved container. Prevent spill from entering sewers or waterways.

WASTE DISPOSAL: Explain to disposer in accordance with local regulations.

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

Section 8 First Aid Measures

Skin: Wash with copious amounts of water.

Eyes: Flush eyes with cool running water. Holding eyelids open to ensure thorough flushing for 15 minutes.

Remove contact lenses. See a doctor immediately.

Inhalation: Move to fresh air and initiate breathing if required.

Ingestion: DO NOT INDUCE VOMITING! 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 Regulatory Information

HMIS Rating:	Health Hazard	1
	Fire Hazard	0
	Reactivity	2

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PUREBRIGHT GERMICIDAL BLEACH

DOT: "Not Required"

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