

# Material Safety Data Sheet

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## SECTION I - Material Identity

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Item Name..... HILEX BLEACH  
Part Number/Trade Name..... HILEX BLEACH  
National Stock Number..... 6810005987316  
CAGE Code..... T0376  
Part Number Indicator..... A  
MSDS Number..... 198346  
HAZ Code..... B

## SECTION II - Manufacturer's Information

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Manufacturer Name..... KIK INTERNATIONAL  
Street..... 2921 CORDER ST  
City..... HOUSTON  
State..... TX  
Country..... US  
Zip Code..... 77054  
Emergency Phone..... 800-424-9300  
Information Phone..... 713-747-8710

## MSDS Preparer's Information

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Date MSDS Prepared/Revised..... 16AUG04  
Active Indicator..... Y

## Alternate Vendors

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## SECTION III - Physical/Chemical Characteristics

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Appearance/Odor..... CLEAR, COLORLESS LIQUID. CHLORINE  
ODOR.

Boiling Point..... 100C  
Specific Gravity..... 1.08  
Solubility in Water..... 100%  
Percent Volatiles by Volume..... 93  
Chemical pH..... 12.6  
Container Type..... R  
Container Pressure Code..... 1  
Temperature Code..... 4  
Product State Code..... L

## SECTION IV - Fire and Explosion Hazard Data

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Flash Point Method..... NA  
Extinguishing Media..... WATER, CO2, DRY CHEMICAL OR FOAM  
Special Fire Fighting Procedures..... SCBA

## SECTION V - Reactivity Data

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Stability..... YES  
Stability Conditions to Avoid..... TEMPS ABOVE 40 C & SUNLIGHT  
Materials to Avoid..... ACID, AMMONIA, UREA, METALS &  
OXIDIZERS  
Hazardous Decomposition Products..... CHLORINE GAS RELEASED BY ACID  
CONTACT. AMMONIA OR UREA CONTACT  
PRODUCES NITROGEN GAS & CHLORAMINES.

## SECTION VI - Health Hazard Data

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Route of Entry: Skin..... YES  
Route of Entry: Ingestion..... YES  
Route of Entry: Inhalation..... YES  
Health Hazards - Acute and Chronic..... CORROSIVE IRRITATION TO EYES, SKIN,  
RESPIRATORY & GI TRACT. MAY CAUSE  
PERMANENT DAMAGE IF NOT TREATED  
PROPERLY.  
Symptoms of Overexposure..... BREATHING DIFFICULTY, BURNING  
SENSATION IN MOUTH, THROAT, STOMACH.

Emergency/First Aid Procedures..... [SKIN] WASH W/SOAP & WATER. [EYE] FLUSH W/WATER HOLDING EYELIDS APART FOR 15 MIN. SEE A DOCTOR IMMEDIATELY. [INHALE] MOVE TO FRESH AIR & RESTORE BREATHING. [INGEST] DO NOT INDUCE VOMITING. DRINK LARGE AMTS OF WATER OR MILK. SEE A DOCTOR IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

## SECTION VII - Precautions for Safe Handling and Use

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Waste Disposal Method..... IAW FEDERAL, STATE & LOCAL REGULATIONS.

Handling and Storage Precautions..... CORROSIVE

## SECTION VIII - Control Measures

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Respiratory Protection..... WHERE EXPOSURE LIMITS ARE EXCEEDED SELECT A NIOSH APPROVED RESPIRATOR

Ventilation..... GENERAL

Eye Protection..... SAFETY GLASSES

Disposal Code..... 0

## SECTION IX - Label Data

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Protect Eye..... YES

Protect Skin..... YES

Protect Respiratory..... YES

Chronic Indicator..... YES

Contact Code..... UNKNOWN

Fire Code..... UNKNOWN

Health Code..... UNKNOWN

React Code..... UNKNOWN

## SECTION X - Transportation Data

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## SECTION XI - Site Specific/Reporting Information

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Volatile Organic Compounds (P/G)..... 0

Volatile Organic Compounds (G/L)..... 0

**SECTION XII - Ingredients/Identity Information**

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Ingredient #..... 01  
Ingredient Name..... HYPOCHLOROUS ACID, SODIUM SALT  
CAS Number..... 7681529  
Proprietary..... NO  
Percent..... 5.5  
OSHA PEL..... N/E  
ACGIH TLV..... N/E

NOTICE: For additional information, contact BIOENVIRONMENTAL