

KIK INTERNATIONAL -- LASSO BLEACH -- 6810-01-042-3517

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Product Identification  
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Product ID:LASSO BLEACH  
MSDS Date:03/07/1998  
FSC:6810  
NIIN:01-042-3517  
Status Code:A  
MSDS Number: CJRGR  
=== Responsible Party ===  
Company Name:KIK INTERNATIONAL  
Address:2921 CORDER STREET  
City:HOUSTON  
State:TX  
ZIP:77054  
Country:US  
Info Phone Num:905-660-0444  
Emergency Phone Num:905-660-0444  
Preparer's Name:TO  
M CARROTHERS  
CAGE:TO376  
=== Contractor Identification ===  
Company Name:KIK INTERNATIONAL  
Address:2921 CORDER STREET  
Box:City:HOUSTON  
State:TX  
ZIP:77054  
Country:US  
Phone:905-660-0444  
CAGE:TO376  
Company Name:PRESENIUS USA INC  
Address:95 HAYDEN AVE  
Box:City:LEXINGTON  
State:MA  
ZIP:02173  
Country:US  
Phone:781-402-9000  
Contract Num:SP0450-00-M-D039  
CAGE:0NJV1

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Composition/Information on Ingredients  
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Ingred Name:SODIUM HYPOCHLORITE  
CAS:7681-52-9  
RTECS #:NH3486300  
= Wt:5.25

EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:SODIUM HYDROXIDE  
CAS:1310-73-2  
RTECS #:WB4900000  
Minumum % Wt:.2  
Maxumum % Wt:.3  
OSHA PEL:2 MG/M3  
ACGIH STEL:C2 MG/M3  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION OF VAPOURS WILL IRRITATE  
BREATHING PASSAGES & MAY CAUSE DIFFICULT  
Y BREATHING. CORROSIVE-WILL  
CAUSE SEVERE IRRITATION TO EYES & SKIN. MAY CAUSE PERMANENT DAMAGE  
IF NOT TREATED PROMPTLY. INGESTION WILL CAUSE BURNING SENSATION IN  
MOUTH, THROAT AND STOMACH. CHRONIC: NONE KNOWN.  
Explanation of Carcinogenicity:NO EFFECTS KNOWN.  
Effects of Overexposure:INHALATION-IRRITATION OF BREATHING PASSAGES,  
DIFFICULTY BREATAHING. SKIN & EYES-SEVERE IRRITATION.  
INGESTION-BURNING SENSATION TO MOUTH, THROAT & STOMACH.  
Medical Cond Aggravated by Exposure:NONE  
SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:SKIN: WASH WITH SOAP & WATER. EYES:FLUSH WITH RUNNING WATER  
FOR AT LEAST 15 MINUTES HOLD EYELIDS APART. REMOVE CONTACT LENSES.  
SEE DOCTOR IMMEDIATELY. INHALATION: MOVE TO FRESH AIR & RESTORE  
BREATHING , IF REQUIRED. INGESTION: DO NOT INDUCEVOMITING! DRINK  
LARGE QUANTITIES OF WATER OR MILK. DO NOT GIVE ANYTHING BY MOUTH TO  
A CONVULSING OR UNCONSCIOUS PERSON. SEE DOCTOR I  
MMEDIATELY. GENERAL  
ADVICE: I F IRRITATION PERSISTS SEE A DOCTOR IMMEDIATELY.

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===== Fire Fighting Measures =====

Flash Point:NOT FLAMMABLE.  
Extinguishing Media:WATER, CARBON DIOXIDE, DRY CHEMICAL OR FOAM.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED  
BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:HAZARDOUS COMBUSTION PRODUCTS: CHLORINE  
GAS

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===== Accidental Release Measures =====

Spill Release Pr

cedures:ENSURE ADEQUATE VENTILATION. FOR SMALL SPILLS:  
WIPE OR MOP UP. FOR LARGE SPILLS: CONTROL SPILL WITH ABSORBENT.  
NEUTRALIZE WITH SODIUM SULPHITE OR SODIUM BISULFITE. TRANSFER TO  
NON-LEAKING CONTAINERS.

Neutralizing Agent:SODIUM SULPHITE OR SODIUM BISULPHITE.

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A DRY & WELL VENTILATED AREA  
AWAY FROM OXIDIZABLE MATERIALS.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:NOT NORMALLY REQUIRED.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:NOT NORMALLY REQUIRED.

Eye Protection:SAFETY GLASSES.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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===== Physical/Chemical Properties =====

HCC:C1

Boiling Pt:=100.C, 212.F

B.P. Text:APPROX

Volatile Org Content %:9

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Spec Gravity:1.075

pH:12.7

Solubility in Water:100%

Appearance and Odor:CLEAR, LIQUID, COLOURLESS, CHLORINE ODOUR.

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:NO

ACIDS, AMMONIA, UREA, METALS & OXIDIZERS.

Stability Condition to Avoid:TEMPERATURE ABOVE 40 C, SUNLIGHT AND  
METALS.

Hazardous Decomposition Products:CHLORINE GAS RELEASED BY CONTACT WITH  
ACIDS. CONTACT WITH AMMONIA OR UREA PRODUCES NITROGEN GAS &  
CHLORAMINES.

OXYGEN IS RELEASED ON CONTACT WITH METALS.

===== Toxicological Information =====

Toxicological Information:CARCINOGENICITY/REPRODUCTIVE EFFECTS/TERATOGENICITY/MUTAGENICITY: NO EFFECTS KNOWN.

===== Ecological Information =====

Ecological:NONE SPECIFIED BY MANUFACTURER.

===== Disposal Considerations =====

Waste Disposal Methods:RECLAIM OR DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS.

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===== MSDS Transport Information =====

Transport Information:DOT REGULATIONS: HAZARD CLASS: ORM-D CONSUMER COMMODITY.

===== Regulatory Information =====

SARA Title III Information:NONE SPECIFIED BY MANUFACTURER.  
Federal Regulatory Information:NONE SPECIFIED BY MANUFACTURER.  
State Regulatory Information:NONE SPECIFIED BY MANUFACTURER.

===== Other Information =====

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