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Material Safety Data Sheet

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SECTION I - Material Identity

Item Name	
Part Number/Trade Name	PURE BRIGHT BLEACH - 5.5%
National Stock Number	6810005987316
CAGE Code	KIKNO
Part Number Indicator	A
MSDS Number	190749
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	KIK INTERNATIONAL
Street	33 MACINTOSH BLVD
City	CONCORDE
State	OH
Country	US
Emergency Phone	800-255-3924
Information Phone	905-660-0444

MSDS Preparer's Information

Date MSDS Prepared/Revised	12MAR01
Active Indicator	Y

Alternate Vendors

Vendor #1 CAGE	KIKNO
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SECTION III - Physical/Chemical Characteristics

Hazard Storage Compatibility Code	NR
NRC License Number	NR
Net Propellant Weight (Ammo)	NR
Appearance/Odor	THIN YELLOWISH-GREEN CLEAR LIQUID; MILD CHLORINE ODOR
Boiling Point	95F/35C
Melting Point	NR
Vapor Pressure	LIKE WATER
Vapor Density	AIR = 1
Specific Gravity	1.08
Decomposition Temperature	NR
Evaporation Rate	1
Solubility in Water	COMPLETE
Percent Volatiles by Volume	89
Chemical pH	11.5-12.4
Corrosion Rate	NR
Container Type	K
Container Pressure Code	1
Temperature Code	4
Product State Code	L

SECTION IV - Fire and Explosion Hazard Data

Flash Point Method	NA
Lower Explosion Limit	N/A
Upper Explosion Limit	N/A
Extinguishing Media	FLOOD W/WATER
Special Fire Fighting Procedures	WEAR APPROVED RESPIRATOR, FLAME RESISTANT CLOTHING & EYE PROTECTION
Unusual Fire/Explosion Hazards	COOL CNTRS TO PREVENT RUPTURE & RELEASE OF CHLORINE GAS

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	REACTS VIOLENTLY W/ORGANIC & INORGANIC AMINES, ACIDS, AMMONIA BOWL CLEANERS, ETC
Materials to Avoid	ACID OR AMMONIA CONTAINING PRODUCTS, RUST REMOVERS, TOILET BOWL CLEANERS, FECES. DO NOT USE OR MIX W/ANY OTHER CLEANERS
Hazardous Decomposition Products	PRODUCES EVOLVED CHLORAMINES & CHLORINE GASES IF MIXED W/ AFORE MENTIONED PRODUCTS
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	WILL NOT OCCUR

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	SKIN/EYE: IRRITANT, MAY CAUSE BURNS AND/OR RASH ON SKIN AND MUCOUS MEMBRANES. BLEACHES SKIN & HAIR
Carcinogenity: NTP	NO
Carcinogenity: IARC	NO
Carcinogenity: OSHA	NO
Explanation of Carcinogenity	NONE
Symptoms of Overexposure	IRRITATION OF SKIN, EYE, RESPIRATORY SYSTEM
Medical Cond. Aggrevated by Exposure	NONE GIVEN
Emergency/First Aid Procedures	EYE: FLUSH W/FLOWING WATER FOR >15 MIN. GET PROMPT MEDICAL ATTN. SKIN: IMMED. REMOVE CONTAMINATED CLOTHING & WASH W/LG AMTS OF WATER. THOROUGHLY WASH CONTAMINATED CLOTHING BEFORE REUSE. INGEST: MAY CAUSE NAUSEA & VOMITING. GIVE 2-3 GLASSES OF WATER OF MILK ONLY. DO NOT CAUSE VOMITING. SEEK MEDICAL ATTN. IMMED IF EXPOSED. INHALE: REMOVE FROM EXPOSURE. GIVE MOIST O2. CPR CAN BE GIVEN IF NEEDED OF BREAHTING PROBLEMS

MAY DEVELOP. TRANSPORT TO
HOSPITAL

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	WASH SPILLS W/PLENTY OF WATER INTO A HOLDING TANK FOR NEUTALIZATION & DISPOSAL. USE LOW PRESSURE WATER SPRAY. OBSERVE LOCAL, STATE AND FEDERAL LAW
Waste Disposal Method	WASH SMALL SPILLS INTO SEWER W/WATER. DIKE LG SPILLS. ABSORB W/OIL-DRI OR SIMILAR INERT MTRL. SWEEP OR SCRAPE UP & CONTAINERIZE IN INERT CNTR. RINSE AFFECTED AREA W/WATER
Handling and Storage Precautions	CORROSIVE

SECTION VIII - Control Measures

Respiratory Protection	NONE LISTED
Ventilation	SPOT VENTILATION OR MECHANICAL VENT TO MAINTAIN VAPORS BELOW TLV
Protective Gloves	PVC RUBBER OR OTHER IMPERVIOUS
Eye Protection	CHEM SPLASHPROOF GOGGLES
Other Protective Equipment	PVC RUBBER OR OTHER IMPERVIOUS APRON, HAT AND CLOSED SHOE DEPENDING ON EXPOSURE CONDITIONS
Supplemental Health/Safety Data	NONE LISTED
Disposal Code	O

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	NO
Contact Code	SLIGHT
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN
Specific Hazard and Precaution	NO TARGET ORGANS LISTED FOR

CHRONIC EXPOSURES

SECTION X - Transportation Data

Container Quantity	1
Unit of Measure	GL

SECTION XI - Site Specific/Reporting Information

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

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	HYPOCHLOROUS ACID, SODIUM SALT (5.3-5.7%)
CAS Number	7681529
Proprietary	NO
Percent	5.7
OSHA PEL	NR
ACGIH TLV	NR
Recommended Limit	NONE SPECIFIED
Ingredient #	02
Ingredient Name	SODIUM HYDROXIDE (0.3-0.5%)
CAS Number	1310732
Proprietary	NO
Percent	.5
OSHA PEL	2 MG/M3
ACGIH TLV	2 MG/M3
Recommended Limit	NONE SPECIFIED