

BRITE MANUFACTURING CO., INC. -- SODIUM HYPOCHLORITE -- 6810-00-598-7316

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Product Identification
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Product ID:SODIUM HYPOCHLORITE

MSDS Date:10/17/1989

FSC:6810

NIIN:00-598-7316

MSDS Number: BHMRV

=== Responsible Party ===

Company Name:BRITE MANUFACTURING CO., INC.

Address:1501 ST. LOUIS STREET

City:NEW ORLEANS

State:LA

ZIP:70112

Country:US

Info Phone Num:504-524-0755

Emergency Phone Num:

504-394-4312

CAGE:BRITE

=== Contractor Identification ===

Company Name:BRITE MANUFACTURING CO., INC.

Address:1501 ST. LOUIS STREET

City:NEW ORLEANS

State:LA

ZIP:70112

Country:US

Phone:504-524-0755

CAGE:BRITE

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Composition/Information on Ingredients
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Ingred Name:SODIUM HYPOCHLORITE (SARA III)

CAS:7681-52-9

RTECS #:NH3486300

Fraction by Wt: 7%

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by

Wt: 6.67%
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:IRRITATING EFFECTS INCREASE WITH
STRENGTH OF SOLUTION AND TIME OF EXPOSURE. CHRONIC:CONSTANT
IRRITANT TO EYES & THROAT. INGST: CAUSES IRRITATION TO MEMBRANE OF
MOUTH, THROAT & STOM
ACH. FUMES ARE IRRITATING TO MUCOUS MEMBRANES.
IRRITANT, REDDENING OF SKIN.
Effects of Overexposure:BURNING OF MUCOUS MEMBRANES IN EYES, NOSE AND
THROAT (FUMES), REDDENING OF SKIN
Medical Cond Aggravated by Exposure:CONTACT LENS WEARERS SHOULD TAKE
PRECAUTIONS TO PROTECT EYES

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===== First Aid Measures =====
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First Aid:EYES: COPIOUS EYE WASH W/WATER FOR AT LEAST 15 MIN. CONSULT
EYE SPECIALIST. INHAL: REMOVE PERSON TO FRESH AIR. INGES: DRINK
WATER, MILK, & OBTAIN MEDICAL ATTENTION. DO NOT USE BAKING SODA.

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===== Fire Fighting Measures =====
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Flash Point:NA
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:NA - WATER TO ADJACENT AREAS
Fire Fighting Procedures:AVOID FUMES FROM SPILLED OR EXPOSED LIQ,
DILUTE COPIOUSLY, VENTILATE, & BE PREPARED TO USE RESPIRATORY
EQUIP IF NEEDED. AVOID CONTAMINATED-IRRITATING FUMES
Unusual Fire/Explosion Hazard:BLEACH DECOMPOSED WHEN HEATED; DECOMP.
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RODUCTS MAY CAUSE CONTNRS TO RUPTURE OR EXPLODE. VIGOROUS REACTION
POSSIBLE W/ORGANIC MATERIAL/OXIDIZING AGENTS

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===== Accidental Release Measures =====
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Spill Release Procedures:FLUSH WITH WATER TO DILUTE AS MUCH AS
POSSIBLE. AVOID HEAT & CONTAMINATION WITH ACIDS. DO NOT USE
COMBUSTIBLE MATERIAL SUCH AS SAWDUST TO ABSORB HYPOCHLORITE

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===== Handling and Storage =====
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Handling and Storage Precautions:STORE IN VENTED, CLO

SED, CLEAN, NON-

CORROSIVE CONTAINERS COOL, DRY LOCATION AWAY FROM DIRECT SUN LIGHT AND NOT ADJACENT TO REACTIVE CHEMICALS.

Other Precautions:IF SHIPPED, MUST COMPLY WITH DOT, ETC. NORMAL HANDLING OF HOUSEHOLD BOTTLED BLEACH REQUIRES SAFETY REQUIREMENTS AS STATED ON THE LABELS

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

Respiratory Protection:NIOSH APPROVED RESPIRATION WITH ACID TYPE CANISTER (NEEDED ONLY IN POOR VENTILATION).

Ventilation:SLIGHT. LOC

AL EXHAUST, OPEN DOORS/WINDOWS. MECH-NO SPECIAL VENTILATION REQUIRED

Protective Gloves:RUBBER OR PLASTIC FOR PROLONGED USE

Eye Protection:NA

Other Protective Equipment:APRONS TO PROTECT FROM SPLASHING

Work Hygienic Practices:KEEP AREA CLEAN

Supplemental Safety and Health

NK

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

HCC:B1

Boiling Pt:B.P. Text:110 C

Melt/Freeze Pt:M.P/F.P Text:NA

Decomp Temp:Decomp Text:NA

Vapor Density:NA

Spec Gravity:1.075-1.090

Evaporation Rate

& Reference:NA

Solubility in Water:COMPLETE

Appearance and Odor:LIGHT YELLOW-GREEN/PUNGENT LIKE CHLORINE

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

Stability Indicator/Materials to Avoid:NO

AVOID CONTAMINATION WITH HEAVY METALS, REDUCING AGENTS, ORGANICS, ETHER, AMMONIA, AND ACIDS

Stability Condition to Avoid:HEAT, LIGHT EXPOSURE AND CONTAMINATED WITH HEAVY METALS, SUCH AS NICKEL, COBALT AND IRON

Hazardous Decomposition Products:HYPOCHLOROUS ACID (HOCL), C

HLORINE,
HYDROCHLORIC ACID (HCl)

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

Waste Disposal Methods:REDUCE WITH REDUCING AGENTS (BISULFITES OR FERROUSSALT SOLUTIONS). KEEP ON ALKALINE SIDE AND DILUTE WITH COPIOUS QUANTITIES OF WATER. MAIN END PRODUCT IS SALT WATER (NaCl).

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