

JAMES AUSTIN COMPANY -- SODIUM HYPOCHLORITE SOLUTION/BLEACH -- 6810-00-598-7316
===== Product Identification =====

Product ID:SODIUM HYPOCHLORITE SOLUTION/BLEACH

MSDS Date:06/27/1989

FSC:6810

NIIN:00-598-7316

MSDS Number: BHXBN

=== Responsible Party ===

Company Name:JAMES AUSTIN COMPANY

Address:DOWNIEVILLE ROAD

Box:827

City:MARS

State:PA

ZIP:16046

Country:US

Info Phone Num:412-625-1535

Emergency

Phone Num:412-625-1535

CAGE:62316

=== Contractor Identification ===

Company Name:JAMES AUSTIN COMPANY

Address:DOWNIEVILLE ROAD

Box:827

City:MARS

State:PA

Country:US

Phone:412-625-1535

CAGE:62316

===== Composition/Information on Ingredients =====

Ingred Name:CHLORINE (SARA III)

CAS:7782-50-5

RTECS #:FO2100000

Fraction by Wt: 5.25%

OSHA PEL:(C) 1 PPM

ACGIH TLV:0.5 PPM/1 STEL; 9293

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTE

CS #:WB4900000
Fraction by Wt: 0.220%
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:IRRITATES EYES, SKIN, THROAT AND
RESPIRATORY SYSTEM.
Effects of Overexposure:RASPY CONTINUOUS COUGHING, RUNNY NOSE, EYE,
SKIN AND/OR THROAT IRRITATION.
Medical
Medical Condition Aggravated by Exposure:SKIN CUTS, BURNS OR ABRASIONS,
IRRITATED EYES, RESPIRATORY AILMENTS.

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

First Aid:EYES:FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15
MIN.SEE DOCTOR. SKIN:REMOVE CONTAMINATED CLOTHING AND SHOES. FLUSH
WITH LARGE AMOUNTS OF WATER.SEE DOCTOR. INHALATION:REMOVE TO FRESH
AIR.GIVE OXYGEN/CPR IF NEEDED; INGESTION:DRINK LARGE QUANTITIES OF
MILK OR WATER.AVOID ALCOHOL.DO NOT USE BRUINATING SODA OR ACIDIC
ANTIDOTES.NOTHING BY MOUTH IF UNCONSCIOUS.SEE DOCTOR IMMEDIATELY.

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

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT.ACID CONTAMINATION WILL PRODUCE VERY
IRRITATING FUMES SIMILAR TO CHLORINE GAS.
Unusual Fire/Explosion Hazard:BLEACH DECOMPOSES WHEN
HEATED.DECOMPOSITION
ON PRODUCTS MAY CAUSE CONTAINERS TO
EXPLODE.REACTION WITH ORGANIC MATERIAL OR OXIDIZERS MAY RESULT IN
FIRE.

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

Spill Release Procedures:NEUTRALIZE WITH SODIUM SULFITE OR FERROUS
SALT.CONTAIN RUN-OFF WITH ABSORBENT MATERIAL SUCH AS SAND OR
CLAY.TRANSFER LIQUID AND ABSORBENT MATERIAL TO APPROVED
CONTAINER.FLUSH AND MOP AREA WITH WATER ALLOWING TO AIR DRY.KEEP
SPILL OUT OF SEWERS.
Neutralizing Agent:SODIUM S

ULFITE OR FERROUS SALT.

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

Handling and Storage Precautions:AVOID HEAT AND DIRECT SUNLIGHT.TIGHTEN
CAP SECURELY.STORE UPRIGHT.DO NOT STORE NEAR FOODSTUFF,WATER OR
FEED.STORE AWAY FROM ACIDS,AMMONIA,SOAP,ORGANIC

Other Precautions:AVOID CREAMING OR IMPACTING OF SIDE CONTAINER WALLS.
DO NOT REUSE EMPTY CONTAINERS. WRAP CONTAINERS AND PUT IN TRASH.

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

Resp

iratory Protection:NOT REQUIRED UNDER NORMAL USE CONDITIONS FOR
CLEANING OR LAUNDRY OPERATIONS.

Ventilation:GENERAL (MECHANICAL) VENTILATION.

Protective Gloves:RUBBER.

Eye Protection:GOGGLES.

Other Protective Equipment:APRON. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
SMOKING OR EATING.LAUNDER CONTAMINATED CLOTHING.WASH CONTAMINATED
SHOES.

Supplemental Safety and Health

NONE

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

HCC:B1

Boiling Pt:=100.C, 212.F

Vapor Pres:19

Spec Gravity:1.080

pH:12.5

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR YELLOW LIQUID. CHLORINE ODOR.

Percent Volatiles by Volume:NONE

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

Stability Indicator/Materials to Avoid:YES

ACIDS, AMMONIA, OILS, GREASES, SOAPS, HEAVY METALS, AND ETHER.

Stability Condition to Avoid:HEAT OR DIRECT SUN LIGHT.

Hazardous Decomposition Products:CHLORINE GAS OR CHLORAMIN

ES.

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

Waste Disposal Methods:TRIPLE RINSE.OFFER FOR RECYCLING OR RECONDITIONING OR PUNCTURE AND DISPOSE OF IN SANITARY LANDFILL OR INCINERATION, OR IF ALLOWED, DISPOSE BY BURNING.STAY OUT OF SMOKE. COMPLY WITH ALL APPLICABLE FEDE RAL, STATE AND LOCAL REGULATIONS.

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