

AUSTIN JAMES CO -- SODIUM HYPOCHLORITE -- 6810-00-598-7316

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===== Product Identification =====

Product ID:SODIUM HYPOCHLORITE

MSDS Date:03/09/1992

FSC:6810

NIIN:00-598-7316

MSDS Number: BPFYK

=== Responsible Party ===

Company Name:AUSTIN JAMES CO

Address:BUTLER COUNTY

Box:I

City:MARS

State:PA

ZIP:16046

Country:US

Info Phone Num:412-625-1535

Emergency Phone Num:412-625-1535

Preparer's Name:HARRY AU

STIN

CAGE:6Z316

=== Contractor Identification ===

Company Name:AUSTIN JAMES CO

Address:115 DOWNIEVILLE ROAD

Box:City:MARS

State:PA

ZIP:16046-0827

Country:US

Phone:724-625-1535

CAGE:6Z316

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

Ingred Name:WATER (H2O)

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 94.65%

Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM HYPOCHLORITE (NAOCL) (SARA III)

CAS:7681-52-9

RTECS #:NH3486300

Fraction by Wt: 5.25%

Other REC Limits:NONE SPE

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

Ingrid Name:SODIUM HYDROXIDE (CAUSTIC SODA) (NAOH) (SARA III)  
CAS:1310-73-2  
RTECS #:WB4900000  
Fraction by Wt: 0.10%  
Other REC Limits:NONE SPECIFIED  
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 =====

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Effects of Overexposure:INHALATION OF VA  
PORS MAY CAUSE BRONCHIAL  
IRRITATION, COUGHING, DIFFICULTY BREATHING, AND PULMONARY IDEMA.  
EXPOSURE MAY ALSO CREATE EYE AND SKIN IRRITATIONS.  
Medical Cond Aggravated by Exposure:SKIN CUTS, BURNS OR ABRASIONS.  
IRRITATED EYES. RESPIRATORY AILMENTS.

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

First Aid:FLUSH WITH LARGE QUANTITIES OF WATER. CALL PHYSICIAN. SKIN:  
REMOVE CLOTHING/WASH AREA WITH WATER. INGESTION: DO NOT GIVE LIQUID  
IF VICTIM IS UNCONSCIOUSN  
ESS OR DROWSY. OTHERWISE, DRINK PROMPTLY  
LARGE QUANTITY OF MILK OR WATER. AVOID ALCOHOL. CALL PHYSICIAN  
IMMEDIATELY. DO NOT USE BAKING SODA OR ACIDIC ANTIDOTES. CALL  
POISON CONTROL CENTER FOR INFORMATION IF DOCTOR UNAVAILABLE.

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

Flash Point Method:CC  
Flash Point:>300F,>149C  
Extinguishing Media:WATER, CO2, DRY CHEMICAL, ALCOHOL FOAM.  
Fire Fighting Procedures:AVOID FUMES FROM SPILLED/EXPOSED LIQ. BE  
PREPARED TO U

SE MSHA/NIOSH SCBA & PROTECTIVE CLOTHING. ACID CONTAM WILL PRODUCE VERY IRRITATING FUMES LIKE TO CHLORINE.  
Unusual Fire/Explosion Hazard:BLEACH DECOMPOSES WHEN HEATED, DECOMP PRODUCTS MAY CAUSE CONTAINERS TO EXPLODE. VIGOROUS REACTION POSSIBLE W/ ORGANIC MAT'L OR OXIDIZERS, MAY RESULT IN FIRE.

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

Spill Release Procedures:IF POSSIBLE NEUTRALIZE. CONTAIN RUNOFF W/ ABSORBENT MAT'L SUCH AS SAND OR CLAY & DIKING. TRANSFER LIQUID & ABSORBENT MAT'L IN APPRV'D CONTAINER. THEN FLUSH & MOP AREA W/WATER ALLOWING TO AIR DRY. KEEP SPILL OUT OF SEWERS & OPEN BODIES OF WATER.

Neutralizing Agent:SODIUM SULFITE OR FERROUS SALT.

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

Handling and Storage Precautions:STORE CONTAINER UPRIGHT. KEEP AWAY FROM CHILDREN. DO NOT STORE NEAR FOOD STUFFS, WATER OR FEED. AVOID CREASING OR IMPACTING OF SIDE CONTAINER WALLS.

Other Precautions:SEPERATE FROM ACIDS, AMMONIAS, SOAP BASED PRODUCTS OR ORGANIC MATERIALS. DON'T ADD TO IRRIGATION SYSTEM. AVOID HEAT & DIRECT SUNLIGHT. FOLLOW DIRECTIONS ON LABEL. TIGHTEN CAP SECURELY.

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

Respiratory Protection:NOT REQUIRED UNDER NORMAL USE CONDITIONS FOR CLEANING OR LAUNDRY PREPARATIONS.

Ventilation:NONE.

Protective Gloves:WEAR RUBBER GLOVES WHEN HANDLING.

Eye Protection:WEAR GOGGLES OR FACE SHIELD WHEN POURING

Other Protec

tive Equipment:SMOCKS FOR PROTECTION OF CLOTHING AS PRODUCT WILL FADE COLORS.

Supplemental Safety and Health

DISPOSAL: TRIPLE RINSE. THEN OFFER FOR RECYCLING OR RECONDITIONIN OR PUNCTURE AND DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, OR FEDERAL LAWS. DO NOT REUSE EMPTY CONTAINERS (BOTTLE, CAN, BUCKET).

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

HCC:B1

Boiling Pt:B.P. Text:230F DEC

Melt/Freeze Pt:M.P/F.P Text:.0F,0.0C

Vapor Pres:VP OF H2O

Spec Gravity:1.08

0 (WATER=1)

pH:12.5

Viscosity:1-5 CPS

Solubility in Water:100%

Appearance and Odor:CLEAR YELLOW LIQUID; TYPICAL CHLORINE AROMA.

Percent Volatiles by Volume:NONE

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

Stability Indicator/Materials to Avoid:YES

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

Stability Condition to Avoid:HEAT OR DIRECT SUNLIGHT.

Hazardous Decomposition Products:CHLORINE GAS OR CHLORAMINES.

===== Disposal Considerations

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Waste Disposal Methods:PESTICIDE DISPOSAL: ACUTELY HAZARDOUS. IMPROPER DISPOSAL OF EXCESS, SPRAY/MIXTURE OF RINSATE IS VIOLATION OF FED LAW. DISPOSE OF ACCORDING TO LABEL INSTRUCTS, IF CAN'T, CONTACT STATE PESTICIDE/ ENVIRO NMNTL CNTRL AGENCY OR EPA REGIONAL OFFICE. CNTNR

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