

AUSTIN JAMES CO -- AUSTIN 1-A BLEACH; SODIUM HYPOCHLORITE SOLUTION/BLEACH --
6810-00-598-7316

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

Product ID:AUSTIN 1-A BLEACH; SODIUM HYPOCHLORITE SOLUTION/BLEACH

MSDS Date:09/11/1993

FSC:6810

NIIN:00-598-7316

MSDS Number: CDYFS

=== Responsible Party ===

Company Name:AUSTIN JAMES CO

Address:DOWNIEVILLE ROAD

Box:827

City:MARS

State:PA

ZIP:16046

Country:US

Info Phone

Num:412-625-1535/FAX 412-825-3288

Emergency Phone Num:800-424-9300(CHEMTREC)

Preparer's Name:HARRY AUSTIN

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

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

Ingred Name:SODIUM HYPOCHLORITE (CERCLA), 5.25-5.5%.

CAS:7681-52-9

RTECS #:NH3486300

Fraction by Wt: SEE ING

Other REC Limits:NONE RECOMMEND

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

Ingred Name:SODIUM HYDROXIDE (CERCLA), 0.1-0.22%.
CAS:1310-73-2
RTECS #:WB4900000
Fraction by Wt: SEE ING
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL OF VAPORS MAY CAUSE BRONCHIAL IRRIT,COUGHING,DIFFICULTY BREATHING & PULM EDEMA. EXPOSURE MAY ALSO CREATE EYE/SKIN IRRIT.
Explanation of Carcinogenicity:PER MSDS:CARCINOGEN:IARC/NTP:NONE.
Effects of Overexposure:INHAL OF VAPORS MAY CAUSE BRONCHIAL IRRIT,COUGHING,DIFFICULTY BREATHING & PULM EDEMA.EXPOSURE MAY ALSO CREATE EYE/SKIN IRRIT.
Medical Cond Aggravated by Exposure:SKIN CUTS,BURNS OR ABRASIONS,IRRIT EYES.RESPIRATORY AILMENTS.

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

First Aid:EYE:FLUSH W/LG QUANT OF WATER.CALL PHYSICIAN.SKIN:REMOVE CLOTH.WASH AREA W/WATER.INGEST:DO NOT GIVE LIQUID IF VICTIM UNCONSCIOUS OR DROWSY.OTHERWISE DRINK PROMPTLY LG QUANT OF MILK OR WATER.AVOID ALCO HOL.CALL PHYSICIAN IMMED.DO NOT USE BAKING SODA OR ACIDIC ANTIDOTES.CALL POISON CNTRL CNTR FOR INFO IF DOCTOR NOT AVAILABLE.

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

Flash Poin

t Method:SCC

Flash Point:>300F,>149C

Autoignition Temp:Autoignition Temp Text:N/KNW

Lower Limits:NOT KNOWN

Upper Limits:NOT KNOWN

Extinguishing Media:WATER, DRY CHRMICAL, ALCOHOL FOAM, CO2.

Fire Fighting Procedures:AVOID FUMES FROM SPILL/EXPO LIQ.BE PREPARED TO USE MSHA/NISOH SCBA & PROTECTIVE CLOTH.ACID CONTAMIN WILL PRODUCE VERY IRRIT FUMES SIMILAR TO CHLORINE GAS.

Unusual Fire/Explosion Hazard:BLEACH DECOMPOSES WHEN HEATED,DECOMPOSITION PRODUCTS MAY CAUSE CONTAINERS TO EXPLO.V

IGOROUS RX POSSIBLE W/ORGANIC MATLS OR OXIDIZING AGENTS & MAY RESULT IN FIRE

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

Spill Release Procedures:IF POSSIBLE NEUTRALIE W/SODIUM SULFITE OR FERROUS SALT.CONTAIN RUN0OFF W/ABSORBENT MATL(SAND,CLAY)& DIKE.TRANSFER LIQ/ABSORBENT MATL IN APPROVED CNTNR.THEN FLUSH & MOP AREA W/WATER ALLOWING TO AIR DRY .KEEP SPILL OUT OF SEWERS/OPEN BODIES OFWATER.

Neutralizing Agent:SODIUM SULFITE OR FERROUS SALT.

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

Handling and Storage Precautions:AVOID HEAT/DIRECT SUNLIGHT.FOLLOW DIRECTIONS ON LABEL.TIGHTEN CAP SECURELY.STORE CNTNR UPRIGHT.KEEP AWAY FROM CHILDREN.

Other Precautions:DONT STORE NEAR FOOD STUFFS/WATER/FEED.AVOID CREASING OR IMPACTING OF SIDE CNTNR WASLLS.SEPARATE FROM ACIDS,AMMONIAS,SOAP BASED PRODUCTS OR ORGANIC MATLS.

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

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

Ventilation:NONE

Protective Gloves:RUBBER GLOVES WHEN HNDLG

Eye Protection:GOGG,FACE SHIELD WHEN POURING

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

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

DISPO:GUIDANCE.CNTNR DISPO-TRIPLE RINSE.OFFER FOR RECYCLING/RECONDITIONING/PUNCUTRE & DISPO OF IAW LOC/STATE/FED LAWS.DONT REUS

E EMPTY CNTNR(BTL,CN,BUCKET).DONT ADD THIS PRODUCT TO ANY IRRIGATION SYS.

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

HCC:B2

Boiling Pt:B.P. Text:212F,100C

Melt/Freeze Pt:M.P/F.P Text:28.0F,-2.2C

Decomp Temp:Decomp Text:NP

Vapor Pres:WATER VP

Vapor Density:NA

Spec Gravity:1.080

pH:12.5

Viscosity:1-5 CPS

Solubility in Water:100

Appearance and Odor:CLEAR YELLOW LIQUID, TYPICLA CHLORINE AROMA

Percent Volatiles by Volume:NONE

Corrosion Rate:NP

===== Stabi
lity 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 =====

Waste Disposal Methods:PESTICIDE WASTES ACUTELY HAZ.IMPROPER DISPO OF EXCESS PESTICIDE/SPRAY/MIXTURE OF RINSATE IS VIO OF FED LAW.IF CANT BE DISPO BY USE ACCORDI

NG TO LABEL INSTRUCTIONS,CONTACT STATE

PESTICIDE/ENVIRO CNTRL AGENCY/HAZ WASTE REP @EPA REGIONAL OFC FOR (SUPPL)

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