

AUSTIN JAMES CO -- AUSTIN 1-A BLEACH; SODIUM HYPOCHLORITE SOLUTI

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MSDS Safety Information

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FSC: 6810

NIIN: 00-598-7316

MSDS Date: 09/11/1993

MSDS Num: CDYFS

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

MFN: 06

Responsible Party

Cage: 6Z316

Name: AUSTIN JAMES CO

Address: DOWNIEVILLE ROAD

Box: 827

City: MARS PA 16046

Info Phone Number: 412-625-1535/FAX 412-825-3288

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

Preparer's Name: HARRY AUSTIN

Review Ind: Y

Published: Y

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Contractor Summary

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Cage: 6Z316

Name: AUSTIN JAMES CO

Address: 115 DOWNIEVILLE ROAD

City: MARS PA 16046-0827

Phone: 724-625-1535

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Item Description Information

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Item Manager: GSA

Item Name: SODIUM HYPOCHLORITE SOLUTION

Specification Number: AA-1427C

Unit of Issue: BX

Quantitative Expression: 00000000006EA

UI Container Qty: 6

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Ingredients

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Cas: 7681-52-9

RTECS #: NH3486300

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

% Wt: SEE ING

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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

Cas: 1310-73-2
RTECS #: WB4900000
Name: SODIUM HYDROXIDE (CERCLA), 0.1-0.22%.
% 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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Health Hazards Data

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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route of Entry Inds - Inhalation: NO
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO

Effects of Exposure: INHAL OF VAPORS MAY CAUSE BRONCHIAL
IRRIT,COUGHING,DIFFICULTY BREATING & PULM EDEMA. EXPOSURE MAY ALSO CREATE
EYE/SKIN IRIRT.

Explanation Of Carcinogenicity: PER MSDS:CARCINOGEN:IARC/NTP:NONE.

Signs And Symptions 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,MIRRIT
EYES.RESPIRATORY AILMENTS.

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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Handling and Disposal

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Spill Release Procedures: IF POSSIBLE NEUTRALIE W/SODIUM SULFITE OR FERROUS
SALT.CONTAIN RUNOFF 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.

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
ACCORDING TO LABEL INSTRUCTIONS,CONTACT STATE PESTICIDE/ENVIRO CNTRL
AGENCY/HAZ WASTE REP @EPA REGIONAL OFC FOR (SUPPL)

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.

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Fire and Explosion Hazard Information
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Flash Point Method: SCC
Flash Point Text: >300F,>149C
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.VIGOROUS RX POSSIBLE W/ORGANIC MATLS OR OXIDIZING AGENTS & MAY RESULT IN FIRE

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

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Physical/Chemical Properties
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HCC: B2
B.P. Text: 212F,100C
M.P/F.P Text: 28.0F,-2.2C
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

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: HEAT OR DIRECT SUNLIGHT.

Materials To Avoid: ACIDS,AMMONIAS,OILS,GREASES,SOAPS,HEAVY METALS,AND ETHER.

Hazardous Decomposition Products: CHLORINE GAS OR CHLORAMINES

Hazardous Polymerization Indicator: NO
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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: 6Z316

Trans ID NO: 79086

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

MSDS Prepared Date: 09/11/1993

Review Date: 01/27/1998

MFN: 6

Net Unit Weight: 6 X 9.0 LBS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: BX

Container QTY: 6

Additional Data: PER MSDS:TRANSP DOT PROPER SHIPPING:HYPOCHLORITE SOLNS
W/>5% BUT <16% AVAI CHLORINE(CONSUMER COMMOD ITY FOR CNTNR 1GAL OF
LESS),8,UN1791,PKG III,CORRO,RQ SODIUM HYPOCHLORITE=100LBS (45.4KG).
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Detail DOT Information
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DOT PSN Code: HNU

DOT Proper Shipping Name: HYPOCHLORITE SOLUTION

Hazard Class: 8

UN ID Num: UN1791

DOT Packaging Group: III
Label: 8
Special Provision: B104,N34,T7
Packaging Exception: 154
Non Bulk Pack: 203
Bulk Pack: 241
Max Qty Pass: 5 L
Max Qty Cargo: 60 L
Vessel Stow Req: B
Water/Ship/Other Req: 26

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Detail IMO Information
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IMO PSN Code: IKL
IMO Proper Shipping Name: HYPOCHLORITE SOLUTION
IMDG Page Number: 8186
UN Number: 1791
UN Hazard Class: 8
IMO Packaging Group: II/III
Subsidiary Risk Label: -
EMS Number: 8-08
MED First Aid Guide NUM: 741

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Detail IATA Information
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IATA PSN Code: NYC
IATA UN ID Num: 1791
IATA Proper Shipping Name: HYPOCHLORITE SOLUTION +
IATA UN Class: 8
IATA Label: CORROSIVE
UN Packing Group: III
Packing Note Passenger: 819
Max Quant Pass: 5L
Max Quant Cargo: 60L
Packaging Note Cargo: 821

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Detail AFI Information
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AFI PSN Code: NYC
AFI Proper Shipping Name: HYPOCHLORITE SOLUTIONS
AFI PSN Modifier: WITH MORE THAN 5% BUT LESS THAN 16% AVAILABLE CHLORINE
AFI Hazard Class: 8
AFI UN ID NUM: UN1791
AFI Packing Group: III
Special Provisions: P5, N34
Back Pack Reference: A12.3

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HAZCOM Label

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Product ID: AUSTIN 1-A BLEACH; SODIUM HYPOCHLORITE SOLUTION/BLEACH
Cage: 6Z316
Company Name: AUSTIN JAMES CO
Street: 115 DOWNIEVILLE ROAD
City: MARS PA
Zipcode: 16046-0827
Health Emergency Phone: 800-424-9300(CHEMTREC)
Label Required IND: Y
Date Of Label Review: 06/26/1997
Status Code: C
Label Date: 06/26/1997
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: WARNING
Health Hazard: Moderate
Contact Hazard: Moderate
Fire Hazard: None
Reactivity Hazard: None

Hazard And Precautions: INHAL OF VAPORS MAY CAUSE BRONCHIAL IRRIT, COUGHING, DIFFICULTY BREATHING & PULM EDEMA. EXPOSURE MAY ALSO CREATE EYE/SKIN IRRIT. AVOID HEAT/DIRECT SUNLIGHT. FOLLOW DIRECTIONS ON LABEL. TIGHTEN CAP SECURELY .STORE CNTNR UPRIGHT. KEEP AWAY FROM CHILDREN. 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 ALCOHOL. CALL PHYSICIAN IMMED. DO NOT USE BAKING SODA OR ACIDIC ANTIDOTES. CALL POISON CNTRL CNTR FOR INFO IF DOCTOR NOT AVAILABLE. TARGET ORGANS: LUNGS , SKIN, EYES.

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