

AUSTIN JAMES CO -- BLEACH -- 6810-00-598-7316

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

Product ID:BLEACH
MSDS Date:11/19/1990
FSC:6810
NIIN:00-598-7316
MSDS Number: BKSSJ
=== 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
CAGE:6Z316
=== Contractor Identification ===
Compa
ny 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
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 94.53%
Other REC Limits:NONE SPECIFIED
OSHA PEL:NONE
ACGIH TLV:NONE

Ingred Name:SODIUM HYPOCHLORITE (SARA III)
CAS:7681-52-9
RTECS #:NH3486300
Fraction by Wt: 5.25%
Other REC Limits:NONE SPECIFIED
EPA Rpt Qty:100 LBS
DOT Rpt Qty:1

00 LBS

Ingred Name:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 0.22%

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:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Effects of Overexposure:INHALATION OF VAPORS MAY CAUSE BRONCHIAL IRRITATION, COUGHING, DIFFICULT

Y BREATHING & PULMONARY EDEMA.

EXPOSURE MAY ALSO CREATE EYE & 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:EYES:FLUSH WITH LARGE QUANTITIES OF WATER. CALL PHYSICIAN.

SKIN:REMOVE CLOTHING/WASH AREA WITH WATER. INGESTION:DO NOT GIVE

LIQUID IF VICTIM IS UNCONSCIOUS OR DROWSY. OTHERWISE, DRINK

PROMPTLY LARGE Q UANTITY OF MI

LK 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:>200 F/>93 C

Extinguishing Media:WATER, DRY CHEMICAL, ALCOHOL FOAM, CO2

Fire Fighting Procedures:AVOID FUMES.USE MSHA/NIOSH SELF-CONTAINED

BREATHING APPARATUS & PROTECTIVE CLOTHES.ACID CONTAMINATION WILL

PRODUCE V

ERY IRRITATING FUMES SIMILAR TO CHLORINE GAS

Unusual Fire/Explosion Hazard:BLEACH DECOMPOSES WHEN HEATED.DECOMP PRODUCTS MAY CAUSE CONTAINER TO EXPLODE.VIGOROUS REACTION IS POSSIBLE W/ ORGANIC OR OXIDIZING AGENTS & MAY RESULT IN FIRE.

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

Spill Release Procedures:NEUTRALIZE W/SODIUM SULFITE OR FERROUS SALT. CONTAIN RUN-OFF W/ABSORB(SAND,CLAY)& DIKE.TRANSFER LIQ & ABSORB IN APPROVED CONTAINER.FLUSH & MOP AREA W/WATE

R ALLOW TO AIR DRY.KEEP

OUT OF SEWERS & OPEN B ODIES OF WATER.DO NOT ADD TO ANY IRRIGATION SYSTEM

Neutralizing Agent:SODIUM SULFITE OR FERROUS SALT

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

Handling and Storage Precautions:AVOID HEAT, DIRECT SUNLIGHT.FOLLOW DIRECTIONS.TIGHTEN CAP SECURELY.STORE CONTAINER UPRIGHT.KEEP AWAY FROM CHILDREN.DO NOT STORE NEAR FOOD, WATER, ETC.

Other Precautions:AVOID CREASING OR IMPACTING OF SIDE CONTAINER WALLS. SEPARAT

E FROM ACIDS, AMMONIAS, SOAP BASED PRODUCTS OR ORGANIC MATERIALS. KEEP AWAY FROM CHILDREN.

===== 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:GOGGLES OR FACE SHIELD WHEN POURING

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

Supplemental Safe

ty and Health

SPRAY OR MIXTURE OF RINSATE IS A VIOLATION OF FEDERAL LAW. IF THESE WASTES CANNOT BE DISPOSED OF BY USE ACCORDING TO LABEL INSTRUCTIONS, CONTACT YOUR STATE PESTICIDE OR ENVIRONMENTAL CONTROL AGENCY OR THE HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE FOR GUIDANCE.

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

HCC:B1

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

Melt/Freeze Pt:M.P/F.P Text:32.0F,0.0C

Vapor Pres:VP OF H2O

Spec Gravity:1.

080

pH:12.5

Solubility in Water:100%

Appearance and Odor:CLEAR YELLOW LIQUID WITH 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 & ETHER.

Stability Condition to Avoid:HEAT OR DIRECT SUNLIGHT

Hazardous Decomposition Products:CHLORINE GAS OR CHLORAMINES

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

Waste

Recommended Disposal Methods:TRIPLE RINSE.THEN OFFER FOR RECYCLING OR RECONDITIONING OR PUNCTURE & DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE OR FED LAWS.DO NOT REUSE EMPTY CONTAINER(BOTTLE,CAN,BUCKET).PESTICIDE WASTE ARE ACUTELY HAZARDOUS.IMPROPER DISPOSAL OF EXCESS PESTICIDE

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