

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

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

Product ID:BLEACH
MSDS Date:06/27/1989
FSC:6810
NIIN:00-598-7316
MSDS Number: BHQKX
=== 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:SODIUM HYPOCHLORITE (SARA III)
CAS:7681-52-9
RTECS #:NH3486300
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:SODIUM HYDROXIDE (SARA III)
CAS:1310-73-2
RTECS #: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

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

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Effects of Overexposure:RASPY CONTINOUS COUGHING, RUNNY NOSE, EYE, SKIN
AND/OR THROATIRRITATION.
Medical Cond Aggravated by Exposure:SKIN CUT
S, BURNS OR ABRASIONS.
IRRITATED EYES. RESPIRATORY AILMENTS.

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First Aid Measures
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First Aid:EYES:FLUSH W/LG QTYS WTR. CALL PHYSICIAN. SKIN: REMOVE
CLOTHING/WASH AREA W/WTR. INGESTION: DONOT GIVE LIQUID IF VICTIM IS
UNCONSCIOUS OR DROWSY. OTHERWISE DRINK PROMPTLY LG QTY OF MILK OR
WATER. AVOI D ALCOHOL CALL PHYSICIAN IMMEDIATELY DONOT USE BAKING
SODA OR ACIDIC ANTIDOTES. CALL POISON CONTROL CENTER FOR
INFORMATION IF DOCTOR
UNAVAILABLE.

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Fire Fighting Measures
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Flash Point Method:CC
Flash Point:>200F,>93C
Extinguishing Media:WATER, DRY CHEMICAL, ALCOHOL FOAM , CO2
Fire Fighting Procedures:AVOID FUMES FRM SPILLED/EXPOSED LIQ. USE
MSHA/NIOSH S.C.B.A.& PROTECTIVE CLOTHING. ACID CONTAM WILL PRODUCE
IRR FUMES SIMILAR TO CHLORINE GAS.
Unusual Fire/Explosion Hazard:BLEACH DECOMPOSED WHEN HEATED,
DECOMPOSITION PRODUCTS MAY CAUSE CONTAINERS TO EXPLODE. A VIGOROUS

REACTION IS POSSIBLE W/ORGANIC MAT OR OXIDIZING AGENTS.

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

Spill Release Procedures:IF POSSIBLE NEUTRALIZE W/SODIUM SULFITE OR FERROUS SALT. CONTAIN RUN-OFF W/ABSORBENT MAT SUCH AS SAND/CLAY & DIKING. TRANSFER LIQ & ABSORBENT MAT IN APPROVED CONTAINER THEN FLUSH AND MOP AREA W/WTR AL LOWING TO AIRDRY. KEEP SPILLS OUT OF SEWERS/WATER.

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

Handling a

nd Storage Precautions:AVOID HEAT AND DIRECT SUNLIGHT. FOLLOW DIRECTIONS ON LABEL. TIGHTEN CAP SECURELY. STORE CONTAINER UPRIGHT KEEP AWAY FROMCHILDREN.

Other Precautions:DONOT STORE NEAR FOOD STUFFS, WATER OR FEED. AVOID CREAMING OR IMPACTING OF SIDE CONTAINER WALLS. SEPARATE FROM ACIDS, AMMONIAS, SOAP BASED PRODUCTS OR ORGANIC MATERIALS. DO NOT ADD THIS PRODUCT TO AN IRRIGATION SYSTEM.

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

Respiratory Protection:NOT REQUIRED UNDER NORMAL USE.

Ventilation:NONE

Protective Gloves:RUBBER GLOVES WHEN HANDLING

Eye Protection:GOGGLES/FACE SHIELD

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

Work Hygienic Practices:AVOID HEAT AND INDIRECT SUNLIGHT

Supplemental Safety and Health

CONTAINER DISP:TRIPLE RINSE. OFFER FOR RECYCLING/RECONDITIONING OR PUNCTURE AND DISPOSE OF IN A SANITARY LANDFILL OR INCINERATION OR IF ALLOWED BY STATE,LOCAL AUTH BURNING. IF

BURNED STAY OUT OF SMOKE

. DONOT REUSE EMPTY CONTAINER. WRAP CONTAINER AND PUT IN TRASH. PESTICIDE WASTES ARE ACUTELY HAZARDOUS.

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

HCC:B1

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

Decomp Temp:Decomp Text:NKNK

Vapor Pres:VP OF WTR

Vapor Density:NA

Spec Gravity:1.080

Evaporation Rate & Reference:NA

Solubility in Water:100%

Appearance and Odor:CLEAR YELLOW LIQUID, TYPICAL CHLORINE AROMA

Percent Volatiles by Volume:NONE

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===== Stability and Reactivity Data =====
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Stability Indicator/Materials to Avoid: YES

ACIDS, AMMONIAS, OILS, GREASES, SOAPS, HEAVY METALS AND EHTER

Stability Condition to Avoid: HEAT OR DIRECT SUNLIGHT

Hazardous Decomposition Products: CHLORINE GAS OR CHLORAMINES

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