

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

===== 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 ===

Company Name:AUSTIN JAMES CO

Address:115 DOWNIEVILLE ROAD

Box:City:MAR

S

State:PA

ZIP:16046-0827

Country:US

Phone:724-625-1535

CAGE:6Z316

===== 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:100 LBS

Ingred Name:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTE

CS #: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

===== 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, DIFFICULTY BREATHING & PULMONARY EDEMA.
EXPOSURE MAY ALSO CREATE EYE &
SKIN IRRITATIONS.
Medical Cond Aggravated by Exposure:SKIN CUTS, BURNS OR ABRASIONS.
IRRITATED EYES. RESPIRATORY AILMENTS.

===== 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 MILK OR WATER. AVOID ALCOHOL. CALL
PHYSICIAN IMMEDIATELY. DO NO
T USE BAKING SODA OR ACIDIC ANTIDOTES.
CALL POISON CONTROL CENTER FOR INFORMATION IF DOCTOR UNAVAILABLE.

===== 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 VERY IRRITATING FUMES SIMILAR TO CHLORINE GAS
Unusual Fire/Explosi
on 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/WATER 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.
SEPARATE FROM ACIDS, AMMONIAS, SOAP BASED PRODUCTS OR ORGANIC
MATERI
ALS. 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 Safety and Health

SPRAY OR MIXTURE OF RINSATE IS A VIOLATION OF FEDER
AL 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 YE

LOW 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 Disposal Methods:TRIPLE RINSE.THEN OFFER FOR RECYCLING OR
R
ECONDITIONING 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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