

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

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Product Identification  
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Product ID:BLEACH  
MSDS Date:06/10/1992  
FSC:6810  
NIIN:00-598-7316  
MSDS Number: BTSGB  
=== 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 412-625-3288  
Emergency Phone Num:412-625-1535  
Preparer's Name:HARRY AUSTI  
N III  
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

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Composition/Information on Ingredients  
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Ingred Name:SODIUM HYPOCHLORITE (NAOCL) (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 (CAUSTIC SODA) (NAOH) (SARA III)  
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AS:1310-73-2  
RTECS #:WB4900000  
Fraction by Wt: 0.10%  
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 =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 5800MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES:MAY CAUSE SEVERE  
IRRITATION.SKIN:MAY CAUSE SEVERE IRRITATION  
.INGEST:MAY CAUSE SEVERE  
GI TRACT IRRITATION.INHAL: MAY CAUSE SEVERE RESPIRATORY IRRITATION.  
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%  
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.  
Effects of Overexposure:INHAL:RASPY CONTINUOUS COUGHING,RUNNY NOSE.  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING CUTS OR  
ABRASIONS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SK  
IN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH  
WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR  
ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING. GET  
PROM PT QUALIFIED MEDICAL ATTENTION.DO NOT GIVE LIQUIDS IF DROWSY,  
OTHERWISE GIVE WATER OR MILK;AVOID ALCOHOL.DO NOT USE BAKING SODA  
OR ACIDIC ANTIDOTES.

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

Flash Point Method:COC  
Flash Point:>200F,>93C  
Extinguishing Media:WATER, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM.  
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER  
FOG.  
Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST AT ELEVATED  
TEMPERATURES.

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

Spill Release Procedures:NEUTRALIZE WITH SODIUM SULFITE OR FERROUS  
SALTS;BE CAUTIOUS OF CHLORINE FUMES BEING GIVEN OFF DURING  
NEUTRALIZA

TION; SOAK UP WITH A NON-COMBUSTIBLE INERT  
ABSORBANT;PLACE IN AN APPROPRIATE CONTAINER FO R DISPOSAL;MOP SPILL  
AREA;AVOID DISCHARGE TO SEWER  
Neutralizing Agent:SODIUM SULFITE OR FERROUS SALT.

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

Handling and Storage Precautions:AVOID HEAT AND DIRECT SUNLIGHT.KEEP  
CONTAINERS UPRIGHT AND CLOSED.KEEP AWAY FROM FOOD.SEPERATE FROM  
ACIDS, AMMONIA,SOAP BASED PRODUCTS OR ORGANIC MATL  
Other Precautions:FOLLOW LABEL DIRECTI  
ONS.AVOID BREATHING VAPORS.AVOID  
SKIN AND EYE CONTACT.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN  
ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR  
A NOISH/ MSHA APPROVED RESPIRATOR FOR CAUSTIC VAPORS,DEPENDING ON  
THE AIRBORN CONCENTR ATION.

Ventilation:USE GENERAL DILUTION VENTILATION.

Protective Gloves:WEAR RUBBER GLOVES

Eye Protection:WEAR CHEMICAL GOGGLES OR FACE  
SHIELD

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

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS  
PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health  
NONE

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

HCC:B1

Boiling Pt:=100.C, 212.F

Melt/Freeze Pt:=0.C, 32.F

Vapor Pres:23

Spec Gravity:1.080

pH:12.5

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR YELLOW LIQUID; TYPICAL CHLOR

INE ODOR

Percent Volatiles by Volume:NONE

===== Stability 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:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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