

AUSTIN JAMES CO -- SODIUM HYPOCHLORITE SOLUTION/BLEACH -- 6810-00-598-7316

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Product Identification
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Product ID:SODIUM HYPOCHLORITE SOLUTION/BLEACH

MSDS Date:06/11/1998

FSC:6810

NIIN:00-598-7316

Status Code:A

MSDS Number: CLCKZ

=== Responsible Party ===

Company Name:AUSTIN JAMES CO

Address:115 DOWNIEVILLE ROAD

City:MARS

State:PA

ZIP:16046-0827

Country:US

Info Phone Num:724-625-1535

Emerg

ency Phone Num:(800)424-9300

Preparer's Name:VICTORIA MORI

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

CAS:7681-52-9

RTECS #:NH3486300

Fraction by Wt: 5.25-5.5%

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:SODIUM HYDROXIDE

CAS:1310-73-2

RTECS #:WB4900

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Fraction by Wt: 0.1-0.3%
OSHA PEL:2 MG/M3
ACGIH STEL:C2 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

===== Hazards Identification =====

Health Hazards Acute and Chronic:ACUTE: TOXICITY ARRISES FROM CORROSIVE ACTIVITY; STEMS FROM OXIDIZING POTENCY, A FUNCTION OF CONCENTRATION. CHRONIC: NOT DETERMINED. INGESTION: CORROSION OF MUCOUS MEMBRANES, ESOPHAGEAL BURNS; INHAL ATION: BRONCHIAL IRRITATION, COUGHING, DIFFICULTY IN BREATHING, NAUSEA, PULMONARY EDEMA; EYE CONTACT: IRRITATING, CAUSE PERMANENT DAMAGE; SKIN CONTACT: IRRITANT, BLISTERING, ECZEMA.

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

First Aid:INGESTION IF SWALLOWED, DO NOT INDUCE VOMITING. INHALATION IF EXPOSED TO EXCESSIVE VAPOR LEVELS, REMOVE TO FRESH AIR. EYE CONTACT IMMEDIATELY FLUSH EYE WITH PLENTY OF COOL, RUNNING WATER. SKIN CONTACT FLUSH AFFECTED SKIN AREA WITH COPIOUS AMOUNTS OF WATER AND WASH WITH SOAP AND WATE
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===== Fire Fighting Measures =====

Extinguishing Media:IF INVOLVED IN A FIRE, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL OR WATER FOG. USE EXTINGUISHING MEDIA THAT IS APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:AVOID FUMES FROM SPILLED OR EXPOSED LIQUID. FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING AND NIOSH/MSHA SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY FROM A SAFE DISTANCE

Unusual Fire/Explosion Hazard:SODIUM HYPOCHLORITE BLEACH IS A STRONG OXIDIZING AGENT AND DECOMPOSES WHEN HEATED. DECOMPOSITION PRODUCTS MAY CAUSE CONTAINERS TO EXPLODE. VIGOROUS REACTIONS MAY OCCUR WITH ORGANIC MATERIALS OR OXID IZABLE MATERIALS, CAUSING FIRES.

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

Spill Release Procedures:SMALL SPILLS: DILUTE PRODUCT BY FLOODING AREA WITH LARGE QUANTITY OF WATER AND FLUSH TO SANITARY SEWER. LARGE SPILLS:

CONTAIN RUN-OFF BY DIKING WITH SUITABLE MATERIAL. SOAK UP LIQUID ON INERT AB SORBENT AND TRANSFER TO APPROVED CONTAINER. PREVENT SPILL FROM ENTERING SEWERS OR WATERWAYS.

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

Handling and Storage Precautions:WASH AFTER HANDLING. USE PROTECTIVE EQUIPMENT AND CLOTHING. FOLLOW LABEL DIRECTIONS. STORE UPRIGHT IN COOL, WELL-VENTILATED AREA. KEEP AWAY FROM HEAT OR DIRECT SUNLIGHT. SEPARATE FROM INCOMPATIBLE MATERIALS, SUCH AS ACIDS, AMONIA, SOAP-BASED PRODUCTS OR ORGANIC MATERIALS.

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

Respiratory Protection:NOT NORMALLY NECESSARY. USE NIOSH APPROVED RESPIRATOR FOR CONCENTRATED VAPORS.

Ventilation:USE LOCAL VENTILATION TO REMOVE VAPORS AT THE SOURCE. FACILITIES USING THIS PRODUCT MUST BE EQUIPPED WITH AN EYEWASH STATION.

Protective Gloves:REQUIRED; USE IMPERVIOUS PVC OR NEOPRENE WITH LONG GAUNTLET.

Eye Protection

:REQUIRED; GOGGLES SHOULD BE CHEMICAL SPLASH TYPE. FACE SHIELD IS BEST CHOICE.

Other Protective Equipment:BOOTS-RECOMMENDED TO PROTECT SHOES AND FEET WHEN USING PRODUCT FOR FLOOR CLEANING.

Work Hygienic Practices:AVOID BREATHING VAPORS. DO NOT STORE NEAR FOOD STUFFS, WATER OR FEED. PROTECT EYES, SKIN AND CLOTHING FROM CONTACT WITH THIS PRODUCT.

Supplemental Safety and Health

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

Boiling Pt:=100.C, 212.F

Melt/Fr

eeze Pt:=-2.2C, 28.F

Vapor Pres:17.5 MM HG @ 20C

Spec Gravity:1.080

pH:12.0-12.8

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR PALE YELLOW LIQUID CHLORINE

===== Stability and Reactivity Data =====

ACIDS, AMMONIA, ETHER, UREA, OXIDIZABLE MATERIALS, SOAPS, OILS, GREASES, PHENOLIC DISINFECTANTS AND METALS (INCLUDING NICKEL, COPPER, TIN, ALUMINUM AND IRON).

Stability Condition to Avoid:STABLE. CONDITIONS TO AVOID: HEAT OR DIRECT SUNLIGHT; TEMPERATURE

S ABOVE 85F. NEVER MIX WITH SOLUTIONS
CONTAINING AMMONIA.

Hazardous Decomposition Products:CHLORINE GAS-FROM CONTACT WITH HIGHLY
ACIDIC MATERIALS.

===== Toxicological Information =====

Toxicological Information:CARCINOGENICITY THIS PRODUCT DOES NOT
CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE
CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR
1910,Z

===== Ecological Information =====

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Ecological:BIODEGRADABILITY CONSIDERED BIODEGRADABLE

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

Waste Disposal Methods:IN ACCORDANCE WITH AN NPDES PERMIT OR APPROVED
BY LOCAL SEWAGE TREATMENT PLANT AUTHORITY, SMALL AMOUNTS MAY BE
FLUSHED TO A SANITARY SEWER WITH PLENTY OF WATER. LARGE AMOUNTS OF
UNUSED PRODUCT MUST BE DISPOSED OF AS HAZARDOUS WASTE AT AN
APPROVED HAZARDOUS WASTE MANAGEMENT FACILITY.

===== MSDS Transport Information =====

Transport Information:DOT CLASSIFICATION HAZARDOUS

===== Regulatory Information =====

Federal Regulatory Information:EPA REGISTERED (UNDER FIFRA) 1672-20004
REGISTRATION NUMBER (REGULAR-NON SCENTED ITEM ONLY)

State Regulatory Information:

===== Other Information =====

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