

ALL PURE CHEMICAL -- WAXIE BLEACH, 090101 -- 7930-00N057704

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

Product ID:WAXIE BLEACH, 090101  
MSDS Date:04/01/1987  
FSC:7930  
NIIN:00N057704  
MSDS Number: BXDVQ  
=== Responsible Party ===  
Company Name:ALL PURE CHEMICAL  
Box:268  
City:TRACY  
State:CA  
ZIP:95376-0268  
Country:US  
Info Phone Num:209-835-5423  
Emergency Phone Num:209-835-5423; 619-292-8111  
Preparer's Name:RANDY HAMMOND  
CAGE:45202

=====  
Contractor Identification  
=====

Company Name:ALL PURE CHEMICAL  
Address:26700 S BANTA RD  
Box:268  
City:TRACY  
State:CA  
ZIP:95376-0268  
Country:US  
Phone:209-835-5423  
CAGE:45202

=====  
Composition/Information on Ingredients  
=====

Ingred Name:HYPOCHLOROUS ACID, SODIUM SALT; (HYPOCHLORITE SOLUTIONS  
CONTAINING <7% AVAILABLE CHLORINE) (CERCLA)  
CAS:7681-52-9  
RTECS #:NH3486300  
Fraction by Wt: 5.25%  
OSHA PEL:N/K  
ACGIH TLV:N/K  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:OTHER PREC:AGENTS - HAZARDOUS GASES MAY BE EVOLVED.  
RTECS #:9999999ZZ

Ingred Name:EYE PROT:& FULL LENGTH FACESHIELD .  
RTECS #:9999999ZZ

Ingred Name:OTHER PROT EQUIP:STATIONS, EMERGENCY SHOWERS & WASHING  
FACILITIES.  
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TISSUE IRRITANT; TOXIC BY INGESTION.  
SKIN & EYE IRRITATION BY LOCAL CONTACT. GENERALIZED RESPIRATORY  
SYMPTOMS UPON INHALATION DUE TO IRRITATION, INCLUDING COUGH &  
DIFFICULTY BREATHING; MAY POSSIBLY LE AD TO LATER EFFECTS.  
INGESTION WILL CAUSE BURNING OF MOUTH, MAY CAUSE PERFORATION OF  
ESOPHAGUS & (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:HLTH HAZ:STOMACH & LARYNGEAL EDEMA.  
Medical Cond Aggravated by Exposure:LOCAL SKIN OR EYE IRRITATION MAY BE AGGRAVATED BY CONTACT. RESPIRATORY TRACT CONDITIONS MAY BE AGGRAVATED BY INHAL. SYSTEMIC EFTS OF INGEST MAY AGGRAVATE OTHER CONDITIONS.

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

First Aid:OBTAIN MED ATTN IMMED AFTER FIRST-AID MEASURES FOR ANY EYE CONT, INGEST/INHAL. EYE:FLUSH W/CLEAR WATER FOR AT LST 15 MINS (INCL UNDER EYELIDS). INGEST:HAVE MD CONTACTED IMMED. RINSE MOUTH W/WATER; GIV E LG QTYS OF WATER/MILK TO DRINK & INDUCE VOMIT. REPEAT. INHAL:REMOVE TO FRESH AIR; SUPPORT BRTHG AS NEEDED. SKIN:REMOVE CONTAM CLTHG & FLUSH AFFECTED AREA W/LG AMTS OF WATER. CONT MD IF IRRIT(SUPDAT)

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

Flash Point:NON-FLAMMABLE  
Extinguishing Media:USE EXTING AGENT SUITABLE FOR SURROUND STRUCTURES & MATLS. SM FIRES:DRY CHEM, CO\*2, WATER SPRAY/FOAM (DO NOT USE(SUPDAT)  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROT EQUIP . COOL EXPOSED CNTNRS W/WATER; REMOVE EXPOS CNTNRS FROM FIRE AREA TO AVOID PRESS RUPTURE, IF SAFELY POSS.  
Unusual Fire/Explosion Hazard:HEAT OF FIRE MAY CAUSE RELEASE OF CHLORINE. AVOID CONTACT OF LIQUID W/ACIDS, ORGANICS & METALS TO AVOID VIGOROUS REACTIONS & POSSIBLE GAS GENERATIONS.

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

Spill Release Procedures:PROVIDE CLEANUP PERS W/PROT AGAINST INHAL OF MISTS/VAPS & SKIN/EYE CONT. CONTAIN SPILL. DO NOT USE COMBUST ABSORBS SUCH AS SAWDUST FOR ABSORPTION. KEEP CONC MATL OUT OF SEWERS, WATERWAYS & GROUND WATE R. SM SPILLS CAN BE DILUTED W/LG AMTS OF (SUPDAT)  
Neutralizing Agent:CAN BE NEUTRALIZED W/WEAK REDUCING AGENTS SUCH AS SODIUM SULFITE, (SUPDAT)

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

Handling and Storage Precautions:STORE IN COOL, DRY, CNTND AREA AWAY FROM SUNLIGHT & HEAT. DO NOT STORE W/ACIDS/OXIDIZABLE MATLS. STORE W/VENTED ENCLOSURES. REMOVE CLOSURES SLOWLY.  
Other Precautions:DO NOT MIX W/OTHER CHEMS. EMPTY CNTNRS MAY CONTAIN HAZ RESIDUES; RINSE CNTNRS SEVERAL TIMES BEFORE DISPOSING OF THEM & FLUSH RINSE WATER TO SANIT SEWER. DO NOT MIX W/FECES, URINE, AMMONIA, ACIDS, DETE RGENTS/OTHER POOL/CLEANING (ING 2)

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

Respiratory Protection:NIOSH/MSHA APPRVD SELF-CONTAINED BREATHING APPARATUS IN A FIRE. IF IRRITATION IS NOTED AMONG EXPOSED WORKERS, PROVIDE NIOSH/MSHA APPRVD CANISTER TYPE RESPS SUITABLE FOR CHLORINE (W/MIST FILTERS) UNTIL ENGINEERING CONTROLS CAN BE INSTITUTED.  
Ventilation:NATURAL:SUFFICIENT UNDER NORMAL CONDITIONS.  
MECHANICAL:PROVIDE LOCAL & GENERAL EXHAUST IF IRRITATION NOTED.  
Protective Gloves:PVC, RUBBER OR NEOPRENE GLOVES.  
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS (ING 3)  
Other Protective Equipment:USE RUBBER BOOTS & APRONS & OTHER PROT CLTHG NEEDED TO PVNT SKIN CONT. AREAS OF HNDLG & USE SHOULD HAVE EYEWASH (ING 4)  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health

EXTING MEDIA:ORG FOAMS). LG FIRES:WATER SPRAY, FOG/FOAM ( NO ORG FOAMS). MATLS TO AVOID:SUCH AS NICKEL, TIN, COPPER, MANGANESE & IRON. FIRST AID PROC:PERSISTS/LG AREAS OF BODY ARE AFFECTED. SPILL PROC :WATER & FLUSHED TO SANIT SEWER. NEUT AGENT:BISULFITE/THIOSULFITE (DO NOT USE SULFATES/BISULFATES).

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

Boiling Pt:B.P. Text:DECOMPOSES  
Vapor Pres:17.5  
Spec Gravity:1.09  
Evaporation Rate & Reference:1 (BUTYL ACETATE=1)  
Solubility in Water:COMPLETE  
Appearance and Odor:YELLOW; CHLORINE ODOR.  
Percent Volatiles by Volume:95

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

Stability Indicator/Materials to Avoid:YES  
ACIDS (INCL ACIDIC CLEANING AGENTS SUCH AS BOWL CLEANERS CNTNG BISULFATES) & ORG MATLS. UREA & AMMONIA. METALS (SUPDAT)  
Stability Condition to Avoid:HEAT & LIGHT. EXTREME HEAT MAY CAUSE LIBERATION OF CHLORINE GAS.  
Hazardous Decomposition Products:CHLORINE MAY BE RELEASED ON CONTACT W/ACIDS & WHEN HEATED.

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

Waste Disposal Methods:DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS . RESIDUE SHOULD BE PLACED IN DOT WASTE CNTNR & DISPOSED OF IN LICENSED LANDFILL SITE. IN EMER, EVEN LG SPILLS CAN BE THORO DILUTED & FL USHED TO SEWER, W/PERMISSION OF LOC AUTHS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.