

TC PRODUCTS INC -- LIQUID BLEACH -- 6850-00F031348

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

Product ID: LIQUID BLEACH
 MSDS Date: 02/04/1992
 FSC: 6850
 NIIN: 00F031348
 === Responsible Party ===
 Company Name: TC PRODUCTS INC
 Address: 2001 THORNE RD
 City: TACOMA
 State: WA
 ZIP: 98421
 Country: US
 Info Phone Num: 206-272-0376
 Emergency Phone Num: 206-272-0376
 CAGE: TCPRO

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

Company Name: TC PRODUCTS INC
 Address: 2001 THORNE RD
 City: TACOMA
 State: WA
 ZIP: 98421
 Country: US
 Phone: 206-272-0376
 CAGE: TCPRO

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

Ingred Name: SODIUM HYPOCHLORITE, HYPOCHLOROUS ACID SODIUM SALT
 CAS: 7681-52-9
 RTECS #: NH3486300
 OSHA PEL: 1 PPM
 ACGIH TLV: 1 PPM
 EPA Rpt Qty: 100 LBS
 DOT Rpt Qty: 100 LBS

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

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
 Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
 Health Hazards Acute and Chronic: INHALATION: BRONCHIAL/RESPIRATORY
 IRRITATION, PULMONARY EDEMA. SKIN: CORROSIVE; SEVERE IRRITATION.
 EYES: SEVERE IRRITATION. INGESTION: CORROSION OF MUCOUS MEMBRANES,
 ESOPHAGEAL OR GASTRIC PERFORATION, LARYNGEAL EDEMA. CHRONIC:
 DAMAGE OR INJURY TO EYES, SKIN & RESPIRATORY ORGANS.
 Explanation of Carcinogenicity: NONE
 Effects of Overexposure: INHALATION: COUGH, DIFFICULTY BREATHING. SKIN:
 BLISTERING & ECZEMA. INGESTION: BURNING SENSATION, VOMITING,
 NAUSEA.

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

First Aid: EYES/SKIN: FLUSH W/WATER FOR 15 MINS. INHALATION: REMOVE TO
 FRESH AIR. PROVIDE SYMPTOMATIC CARE & SUPPORT RESPIRATION.

INGESTION: GIVE LARGE QUANTITIES OF WATER/MILK TO DILUTE. DON'T INDUCE VOMITING. DON'T GIVE VINEGAR OR OTHER ACIDS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:USE WATER IN FLOODING QUANTITIES AS FOG.

Fire Fighting Procedures:WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS FOR CHLORINE GAS VAPORS. COOL FIRE EXPOSED CONTAINERS W/WATER.

Unusual Fire/Explosion Hazard:BLEACH DECOMPOSES WHEN HEATED TO HIGH TEMPERATURES & CONTAINER MAY RUPTURE.

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

Spill Release Procedures:DILUTE W/PLENTY OF WATER & THEN MOP UP. AVOID SPLASHING IN EYES/ON SKIN. AVOID INHALATION OF FUMES. STAY UPWIND.

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

Handling and Storage Precautions:STORE IN COOL, DARK PLACE AWAY FROM HEAT & LIGHT & COMBUSTIBLE MATERIALS. STORE BELOW 90F. KEEP CONTAINERS WELL CLOSED. PROVIDE ADEQUATE VENTILATION.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATORY PROTECTION
Ventilation:ADEQUATE

Protective Gloves:RUBBER, FACE SHIELD

Eye Protection:SPLASH-PROOF CHEMICAL RESISTANT GOGGLES

Other Protective Equipment:EYE BATH & EMERGENCY SHOWERS

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:217F

Vapor Pres:16

Vapor Density:19.2

Spec Gravity:1.082

Solubility in Water:COMPLETE

Appearance and Odor:PALE YELLOW LIQUID W/TYPICAL LIQUID BLEACH ODOR

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

Stability Indicator/Materials to Avoid:YES

ACIDS, AMMONIA, ORGANIC COMPOUNDS, HEAVY METALS, SALTS, OXIDIZING OR REDUCING COMPOUNDS

Stability Condition to Avoid:HEAT

Hazardous Decomposition Products:CHLORINE, CHLORINE DIOXIDE, CHLORAMINES

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

Waste Disposal Methods:NEUTRALIZE & DISPOSE OF IN ACCORDANCE W/FEDERAL,

STATE & LOCAL REGULATIONS.

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