

30960

MATERIAL SAFETY DATA SHEET

This MSDS complies with 29 CFR 1910.1200 (The Hazard Communication Standard)



MSDS Number: 23030

Product Name: BLEACH GALLON 5.25%

Revision Date: 10/10/95

SECTION 1 - PRODUCT IDENTIFICATION

Identity: BLEACH GALLON 5.25%
Manufacturer: T.C. PRODUCTS
Address: 2001 THORNE ROAD TACOMA, WA 98421
Emergency No: 1-253-272-9376
Information No: 1-253-272-9376
Chemical Name: SODIUM HYPOCHLORITE

SECTION 2 - HAZARDOUS INGREDIENTS

Ingredient:	OSHA PEL	ACGIH TLV	OTHER	%
SODIUM HYPOCHLORITE 7681-52-9	1 PPM (CHLORINE GAS)	1 PPM		5.25

* ARE SARA TITLE 111 SEC 313 REPORTABLE ALL INGREDIENTS ARE ON TSCA INVENTORY.

SECTION III - PHYSICAL DATA

Spec Gravity: 1.0825 @ 60 F Vapor Pressure: NA
Vapor Density: Evaporation Rate: NA (BUTYL ACETATE=1)
Air = 1: % Volatiles:
Boiling Point: NA
Appearance & Odor: YELLOW-GREEN LIQUID WITH SLIGHT CHLORINE SMELL.
Other: pH (Conc.) pH (use dilution)
Solubility in water: 100 %

SECTION IV - FIRE AND EXPLOSIVE HAZARD DATA

Flash Point (method used):	Flammability Limits	LEL	UEL
NA		NA	NA

Extinguishing Media: WATER SPRAY. USE WATER IN FLOODING QUANTITIES AS FOG.

Unusual Fire & Explosive Hazards: BLEACH DECOMPOSES WHEN HEATED TO HIGH TEMPERATURES CAUSING CONTAINER TO RUPTURE.

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

SECTION V - REACTIVITY DATA

Stability: UNSTABLE
Incompatibility:
Conditions to avoid: HEAT!
Materials to avoid: ACIDS, AMMONIA, ORGANIC COMPOUNDS, OXIDIZING COMPOUNDS, REDUCING COMPOUNDS, HEAVY METAL SALTS AND SALTS THEREOF.
Hazardous Decomposition Products: CHLORINE, CHLORINE DIOXIDE, CHLORAMIDES.
IF DECOMPOSITION OCCURS - CONTAINERS MAY RUPTURE.
Hazardous Polymerization: WILL NOT OCCUR.

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SECTION VI – HEALTH HAZARD DATA

Route(s) of Entry: Inhalation : X
 Skin: X
 Ingestion: X
 Eye Contact: X

Carcinogenicity NTP? IARC Monographs OSHA Reg?

THIS PRODUCT IS NOT LISTED AS A CARCINOGEN BY OSHA, NTP OR IARC.

Signs & Symptoms:

TOXIC EFFECTS:

EYES - CORROSIVE! EXPOSURE TO LIQUID MAY PRODUCE MILD IRRITATION TO BURNS. EXPOSURE TO VAPOR MAY PRODUCE MILD TO SEVERE IRRITATION.
SKIN - CORROSIVE! EXPOSURE TO LIQUID MAY PRODUCE MILD IRRITATION TO BURNS. EXPOSURE TO VAPOR MAY PRODUCE MILD TO SEVERE IRRITATION.
INGESTION – CORROSIVE! MAY CAUSE BURNS TO MUCOUS MEMBRANES. MAY CAUSE ESOPHAGEAL OR GASTRIC PERFORATION, LARYNGEAL EDEMA, VOMITING AND NAUSEA.
EFFECTS OF OVEREXPOSURE (ACUTE) – MATERIAL MAY BE CORROSIVE TO SKIN, MUCOUS MEMBRANES AND EYES. VAPORS MAY CAUSE RESPIRATORY IRRITATION. (CHRONIC) – NO KNOWN CHRONIC EFFECTS.

Emergency First Aid & Procedures:

EYES - FLUSH THOROUGHLY WITH RUNNING WATER FOR AT LEAST 15 MINUTES. GET PROMPT MEDICAL ATTENTION.
SKIN - RINSE THOROUGHLY WITH RUNNING WATER. IF IRRITATION PERSISTS, CONTACT PHYSICIAN OR LOCAL POISON CONTROL CENTER.
INGESTED - IMMEDIATELY GIVE LARGE QUANTITIES OF WATER OR MILK TO DILUTE. DO NOT INDUCE VOMITING. DO NOT GIVE VINEGAR OR OTHER ACIDIC MATERIAL. GET PROMPT MEDICAL ATTENTION.
INHALED – IF SYMPTOMS OCCUR, REMOVE VICTIM TO FRESH AIR. PROVIDE SUPPORT RESPIRATION AND GET PROMPT MEDICAL ATTENTION IF NECESSARY.

SECTION VII – SPILL OR LEAK PROCEDURES

Steps to be taken in case material is spilled or released:

DILUTE WITH COPIUS AMOUNTS OF WATER AND THEN MOP UP. AVOID SPLASHING INTO EYES, PROLONGED EXPOSURE TO SKIN AND INHALATION OF FUMES.

Waste Disposal Methods:

NEUTRALIZE AND DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII – SPECIAL PROTECTIVE INFORMATION

Respiratory Protection: WEAR NIOSH APPROVED RESPIRATORY PROTECTION.

Ventilation: PROVIDE ADEQUATE VENTILATION.

Protective Gloves: WEAR CHEMICAL RESISTANT GLOVES.

Eye Protection: WEAR SPLASH PROOF CHEMICAL RESISTANT SAFETY GOGGLES.

Other Protective Measures: WEAR A FACE SHIELD AND CHEMICAL RESISTANT CLOTHING IF SPLASHING OF MATERIAL MAY OCCUR. HYGIENIC PRACTICES - PROVIDE EYE WASH AND EMERGENCY SHOWERS. LAUNDRY CLOTHING WHEN SOILED.

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SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage:

STORE IN A COOL, DARK PLACE AWAY FROM HEAT, LIGHT AND COMBUSTIBLE SOURCES.
STORE BELOW 90°F. KEEP CONTAINERS CLOSED AND PROVIDE ADEQUATE VENTILATION.

Other Precautions:

SECTION X - ADDITIONAL INFORMATION

NA = NOT APPLICABLE

NE = NOT ESTABLISHED