

# ABC CORPORATION

94-085 Leonui Street, Waipahu HI 96797; 808-671-2671

## MATERIAL SAFETY DATA SHEET

For Emergency Call CHEMTREC 1-800-424-9300

Prepared 9/23/1997 – Rev 5/10/2000

### SECTION 1 : IDENTIFICATION

<u>PRODUCT NAME</u>	<u>APPLICATION</u>	<u>SHIPPING HAZARD NO.</u>
Ultrachlor	Chlorine Bleach	Sodium Hypochlorite Solution, ORM-B, NA1791

### Component Information

<u>Principal Hazard Components</u>	<u>CAS No.</u>	<u>WT (%)</u>	<u>PEL/TLV</u>
Sodium Hypochlorite	7861-52-9	7-16	2/2
Sodium Hydroxide	1310-73-2	0.5 - 2	2c/2c

### SARA Title III Section 313 and 40 CFR Notification

This product is not subject to notification

### SECTION 2: PHYSICAL DATA

<b>Boiling Point (?F):</b> 230°F	<b>Appearance/Odor:</b> Straw/Chlorine
<b>Vapor Pressure (mm Hg):</b> ND	<b>pH:</b> 12.5 - 13.5
<b>Vapor Density (Air = 1):</b> ND	<b>Specific Gravity (Water = 1):</b> 1.3
<b>Percent Volatile:</b> NE	<b>Solubility in Water:</b> complete
<b>Evaporation Rate (Butylacetate = 1):</b> NE	

### SECTION 3: FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (?F):</b> NE	<b>Lower Explosive Limit:</b> NE
	<b>Upper Explosive Limit:</b> NE
<b>Extinguishing Media:</b> Combustible	
<b>Special Fire Fighting Procedures:</b> Fire fighters should be equipped with self-contained breathing apparatus. This product decomposes at 230°F with liberation of hazardous gases.	
<b>Unusual Fire and Explosion Hazards:</b> None known to ABC Corporation	
<b>NFPA Ratings</b>	
Health = 3	<b>Special Hazard = none</b>
Flammability = 0	0= None
Reactivity = 2	1= Mild
	2= Moderate
	3= High
	4= Extreme

### SECTION 4: REACTIVITY DATA

**Stability:** Stable **Incompatibility:** See below

**Hazardous Decomposition Products/Polymerization:** Toxic gases are generated when heated or when reacted with other components.

**Conditions to avoid:** Exposure to heat and light will moderate decomposition. This product is incompatible with pesticides, heavy metals, acids, ammonia, paints, kerosene, gasoline, and similar components.

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## **SECTION 5: HEALTH HAZARD DATA**

### **Effects of overexposure:**

**Eyes:** Liquid and mist irritates eyes. Overexposure may damage eyes. Causes redness of eyes.

**Skin:** Prolonged contact causes skin irritation.

**Inhalation:** Prolonged exposures will burn/damage/irritate mucous membranes and respiratory tract.

**Ingestion:** If swallowed, it will burn mouth, throat, and digestive tract.

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## **SECTION 6: FIRST AID**

**Eyes:** Flush eyes with running water for 15 minutes. Get immediate medical attention.

**Skin:** Immediately wash skin with lots of soap and water. If irritation persists, get medical attention.

**Inhalation:** If inhaled, remove to fresh air. If irritation persists, get immediate medical attention.

**Ingestion:** Drink large quantities of water, do not give vinegar or other acids. Do not induce vomiting. Get prompt medical attention.

**Storage:** Store this product in a cool, dry area, away from direct sunlight and heat. Do not store on top of other chemicals.

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## **SECTION 7: SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Not required.

**Protective Gloves:** For prolonged contact wear rubber gloves.

**Eye Protection:** Where eye contact may be a problem, wear goggles.

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## **SECTION 8: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

**Handling and Storage:** Use good personal hygiene practice. Avoid contact with eyes, skin, or clothing. Wash contaminated clothing and equipment before reuse.

**Release or Spill:** Before attempting clean up refer to Hazard Data above. Use mop or wet vacuum to collect material for proper disposal. Rinse area with water,

**Waste Disposal:** Disposal to conform to federal, state and local regulations.

*The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves the product in combination with any other process is the responsibility of the user.*