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U.S. DEPARTMENT OF LABOR

Form No. OSHA-20
May, 1971

MATERIAL SAFETY DATA SHEET

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SECTION I				
ADDRESS (Number, Street, City, State, and ZIP Code)			EMERGENCY TELEPHONE NO.	
NAME AND SYNONYMS SODIUM HYPOCHLORITE 5 1/2% (Bleach 5 1/2%)			TRADE NAME AND SYNONYMS Bleach	
CHEMICAL FAMILY			FORMULA	
SECTION II HAZARDOUS INGREDIENTS				
PAINTS, PRESERVATIVES, & SOLVENTS	TLV (Units)	ALLOYS AND METALLIC COATINGS	TLV (Units)	
PIGMENTS		BASE METAL		
CATALYST		ALLOYS		
VEHICLE		METALLIC COATINGS		
SOLVENTS		FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES		OTHERS		
OTHERS				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				
Never mix with acids or organics except under controlled conditions.				TLV (Units)
SECTION III PHYSICAL DATA				
BOILING POINT (°F)	Decomposes	SPECIFIC GRAVITY (H ₂ O = 1)	TEMPERATURE (°F)	
	Not Available		60°F	
VAPOR PRESSURE (mm Hg)	Not Available	PERCENT VOLATILE BY VOLUME (%)	Not Available	
VAPOR DENSITY (AIR = 1)	Not Available	EVAPORATION RATE (H ₂ O = 1)	Not Available	
SOLUBILITY: WATER	Completely			
APPEARANCE AND ODOR				
SECTION IV FIRE AND EXPLOSION HAZARD DATA				
FLASH POINT (Method used)	None	FLAMMABLE LIMITS	Lower	Upper
EXTINGUISHING MEDIA				
SPECIAL FIRE FIGHTING PROCEDURES				
Self-contained gas masks in case chlorine is evolved.				
UNUSUAL FIRE AND EXPLOSION HAZARDS				
Danger of chlorine gas being evolved.				

NOT TO BE USED FOR SUBSTANCE FOR FORM NO. OSHA-20-4

SECTION V HEALTH HAZARD DATA

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NO LD LIMIT VALUE Not Available.
EFFECTS OF OVEREXPOSURE Not normally dangerous.

EMERGENCY AND FIRST AID PROCEDURES

Rinse with copious quantities of water. Call a physician.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE	XX	CONDITIONS TO AVOID	Heat, fire, acids, organics
	STABLE			

INCOMPATIBILITY (Materials to avoid) Heat, fire.

HAZARDOUS DECOMPOSITION PRODUCTS Chlorine

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID	Heat, acids, organics
	WILL NOT OCCUR	XX		

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Rinse or flush with large amounts of water.

WASTE DISPOSAL METHOD Dilute with large volumes of water.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (See entry type) Not normally required.

VENTILATION LOCAL EXHAUST Not normally required.

MECHANICAL (General) SPECIAL OTHER

PROTECTIVE GLOVES Rubber gloves. EYE PROTECTION Chemical goggles.

OTHER PROTECTIVE EQUIPMENT Rubber shoes, rubber gloves, cotton clothing.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store away from heat, acids, organics. Keen of skin tissue.

OTHER PRECAUTIONS