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MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME PUREX CORPORATION		EMERGENCY TELEPHONE NO. (213) 634-3300
ADDRESS (Number, Street, City, State, and ZIP Code) 5101 Clark Avenue, Lakewood, CA 90712		
CHEMICAL NAME AND SYNONYMS N.A.	TRADE NAME AND SYNONYMS Household Liquid Bleach	
CHEMICAL FAMILY N.A.	FORMULA N.A.	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Unit)	ALLOYS AND METALLIC COATINGS	%	TLV (Unit)
PIGMENTS N.A.			BASE METAL N.A.		
CATALYST N.A.			ALLOYS N.A.		
VEHICLE N.A.			METALLIC COATINGS N.A.		
SOLVENTS N.A.			FILLER METAL PLUS COATING OR CORE FLUX N.A.		
ADDITIVES N.A.			OTHERS N.A.		
OTHERS N.A.					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Unit)
Sodium Hypochlorite	6	Unknown

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	217	SPECIFIC GRAVITY (H ₂ O=1)	1.087
VAPOR PRESSURE (mm Hg.)	16	PERCENT. VOLATILE BY VOLUME (%)	88
VAPOR DENSITY (AIR=1)	19.2	EVAPORATION RATE (—=1)	NA
SOLUBILITY IN WATER	Complete		
APPEARANCE AND ODOR Pale yellow liquid with typical liquid bleach odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N.A.	FLAMMABLE LIMITS	N.A.	Let	Uel
EXTINGUISHING MEDIA	N.A.				
SPECIAL FIRE FIGHTING PROCEDURES Avoid fumes from spilled liquid, dilute copiously, ventilate and use respiratory protection if necessary.					
UNUSUAL FIRE AND EXPLOSION HAZARDS Bleach decomposes when heated to high temperatures. Decomposition products may cause containers to rupture.					

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE N.A.
EFFECTS OF OVEREXPOSURE N.A.

EMERGENCY AND FIRST AID PROCEDURES If accidental contact with the skin or eyes occurs, the area affected should be thoroughly rinsed with water.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE	X	CONDITIONS TO AVOID See under incompatibility
	STABLE		
INCOMPATIBILITY (Materials to avoid)		Acids, Ammonia, organic compounds, heavy metals and salts thereof, and oxidizing or reducing compounds.	
HAZARDOUS DECOMPOSITION PRODUCTS		Chlorine, chlorine dioxide, chloroamines	
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
If material is released or spilled, it should be diluted with a copious amount of water and then mopped up.

WASTE DISPOSAL METHOD Flush with water to sewer in accordance with Federal, State, and local ordinances.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)			NONE
VENTILATION	LOCAL EXHAUST	Normal room	SPECIAL
	MECHANICAL (General)		OTHER
PROTECTIVE GLOVES		NONE	EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT		NONE	NONE

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Should be stored below 90°F. Should not be exposed to direct sunlight for extended periods of time.
OTHER PRECAUTIONS Do not mix with acids, ammonia, organic compounds, heavy metals & salts thereof, or oxidizing or reducing compounds.