

MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURER OR SUPPLIER DATA

 MSDS NUMBER
 US97100 406Z XX

MANUFACTURER'S NAME & MAILING ADDRESS U S Chemical - A DIVISION OF HYDRITE CHEMICAL CO. 316 Hart Street Watertown, Wisconsin 53094 USA	PREPARED BY D. E. Kenas	SIGNATURE <i>David E. Kenas</i> BU
EMERGENCY TELEPHONE NO. (24 HOUR SERVICE) Medical Emergency ONLY: 1-800-228-5635 Ext. 075	TITLE Quality Assurance Manager	
		DATE 7-1-97
		PRODUCT INFORMATION TELEPHONE NO. (8 AM TO 5 PM CST, MON - FRI) Product Information: 1-800-558-9566

SECTION 2 - IDENTITY OF MATERIAL

PRODUCT NAME EM-1		GFS ID NO: 15 - 554766	
PRODUCT DESCRIPTION Industrial Laundry Detergent		FORMULA Proprietary Blend	CHEMICAL FAMILY N.A.
DOT PROPER SHIPPING NAME NOT REGULATED BY D.O.T. AT LESS THAN 119 GALLONS PER CONTAINER.			
REGULATED IDENTIFICATION	SHIPPING ID NUMBER N.A.	PACKING GROUP N.A.	HAZARD CLASS N.A.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT N.A.	SPECIFIC GRAVITY (H ₂ O = 1) .985	PHYSICAL FORM Liquid	COLOR Water-White
VAPOR PRESSURE (mm Hg) N.A.	MELTING POINT N.A.	SOLUBILITY IN WATER Complete	SCENT None Added
VAPOR DENSITY (AIR = 1) N.A.	EVAPORATION RATE (BUTYL ACETATE = 1) N.A.	pH 2500 ppm SOLUTION N.A.	pH CONCENTRATE 6.0
OTHER Slightly Viscous, Clear Water-White Solution.			

SECTION 4 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (CHEMICAL NAME; COMMON NAME)	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	PERCENT WT/WT
Isopropanol: Isopropyl Alcohol CAS Registry Number 67-63-0	400 ppm TWA	400 ppm TWA	500 ppm STEL (ACGIH/OSHA)	1.0-5.0
2-Butoxyethanol: Butyl Cellosolve CAS Registry Number 111-76-2	25 ppm TWA-Skin	25 ppm TWA-Skin	None	5.0-15.0
This product contains no other Ingredient considered hazardous according to the criteria of 29 CFR 1910.1200, OSHA. However, this product contains chemicals which may be subject to reporting requirements according to the criteria of SARA Title III, 40 CFR, Part 370, Section 311 and Section 312. This product also contains chemicals which may be subject to reporting requirements according to the criteria of SARA Title III, 40 CFR, Part 372, Section 313.				
STATE RIGHT TO KNOW INFORMATION THIS PRODUCT CONTAINS: WATER/7732-18-5, PARETH/66455-14-9, BUTYL CELLOSOLVE/111-76-2, ISOPROPYL ALCOHOL/67-63-0				
NFPA RATING: Health-1/Flammability-2/Reactivity-0		See Section 5 for Protective Equipment.		
HMIS RATING: Health-2/Flammability-2/Reactivity-0		See Section 5 for Protective Equipment.		
CARCINOGENICITY: This product does not contain any known carcinogens or anticipated carcinogens according to the criteria of the NTP Annual Report on Carcinogens, IARC Monographs, and OSHA 29 CFR 1910, Subpart Z.				

(CONTINUED ON REVERSE SIDE)