

MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURER OR SUPPLIER DATA

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> AA
	TITLE Quality Assurance Manager	DATE 1-5-95
EMERGENCY TELEPHONE NO. (24 HOUR SERVICE) Medical Emergency ONLY: 1-800-228-5635 Ext. 075	PRODUCT INFORMATION TELEPHONE NO. (8 AM TO 5 PM C.S.T.) Product Information: 1-800-558-9566	

SECTION 2 - IDENTITY OF MATERIAL

PRODUCT NAME ProClean TRAY CONVEYOR LUBE CLEANER		
PRODUCT DESCRIPTION Synthetic Detergent Lubricant	FORMULA Proprietary Blend	CHEMICAL FAMILY N.A.
REGULATED IDENTIFICATION	DOT PROPER SHIPPING NAME Not Regulated by D.O.T.	
	SHIPPING ID NUMBER N.A.	HAZARD CLASS N.A.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT N.A.	SPECIFIC GRAVITY (H ₂ O = 1) 1.030	PHYSICAL FORM Liquid	COLOR Brownish-Yellow
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 11.0
OTHER Non-Viscous, Clear Brownish-Yellow Solution.			

SECTION 4 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (CHEMICAL NAME; COMMON NAME)	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	PERCENT WT/WT
Tetrasodium Ethylenediaminetetracetate CAS Registry Number 64-02-8	Not Established	Not Established	Not Established	5.0-10.0
Isopropanol: Isopropyl Alcohol CAS Registry Number 67-63-0	400 ppm TWA	400 ppm TWA	500 ppm STEL (ACGIH/OSHA)	5.0-10.0
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.				
STATE RIGHT TO KNOW INFORMATION THIS PRODUCT CONTAINS: WATER/7732-18-5, TETRASODIUM EDTA/64-02-8, COCONUT DIETHANOLAMIDE/68603-42-9, ISOPROPYL ALCOHOL/67-63-0, POTASSIUM OLEATE/143-18-0				
NFPA RATING: Health-2/Flammability-3/Reactivity-0 See Section 5 for Protective Equipment. HMIS RATING: Health-2/Flammability-3/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)

SECTION 5 - SAFE USAGE DATA

PROTECTIVE EQUIPMENT TYPES	EYES None required with normal use.	
	RESPIRATORY None required with normal use.	GLOVES Rubber (Latex).
	OTHER Not Applicable.	
VENTILATION	GENERAL MECHANICAL Satisfactory. Maintain adequate ventilation. Keep levels below recommended TLV.	
	LOCAL EXHAUST Not ordinarily needed. Spray away from you to avoid Inhalation of mists containing this product.	
PRECAUTIONS	HANDLING & STORAGE Follow all label directions. Instruct personnel about proper use, hazards, precautions, and first-aid measures. Avoid Inhalation, Ingestion and contact with skin and eyes. Rotate stock regularly. Handle carefully to avoid damaging container. Keep container closed when not in use. Recommended storage temp. below 100° F. Keep out of children's reach.	

SECTION 6 - HEALTH HAZARD DATA

EFFECTS OF EXPOSURE	INHALATION Excessive amounts may cause coughing, Irritation to nose, throat and mucous membranes, nausea, dizziness, and headache. Diluted solutions have reduced effects.	
	INGESTION Excessive amounts may cause tissue damage to the digestive tract, nausea, vomiting, discomfort, dizziness, headache, and gastrointestinal cramps.	
	SKIN & EYES SKIN: Contact may cause Irritation, drying, and dermatitis. EYES: Short term liquid or vapor contact may cause slight Irritation. Prolonged contact will be more Irritating.	
	ACUTE & CHRONIC ACUTE: Irritant to eyes, skin and respiratory system. CHRONIC: None Known.	
ROUTES OF ENTRY	INGESTION-X SKIN ABSORPTION-X SKIN-X EYES-X INHALATION-X	TARGET ORGANS Eyes, Skin, Respiratory System.

SECTION 7 - PHYSICAL HAZARD DATA

FLAMMABILITY	LEL = Approx. 2.0% UEL = Approx. 12.0%		FLASH POINT = 97.0° F 36.1° C *See Section 8: Fire-Unusual Hazards	METHOD USED = Tag Closed Cup
STABILITY	STABLE	X	CONDITIONS TO AVOID Avoid mixing with any other cleaning product. Mix only with water. Avoid high temperatures, sparks and open flame.	
	UNSTABLE		HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition may produce Carbon Monoxide, Carbon Dioxide, and unidentifiable organic materials.	
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID	
	WILL NOT OCCUR	X	N.A.	
INCOMPATIBILITY	MATERIALS TO AVOID Strong oxidizers, hypochlorite bleaches, aluminum, strong bases and acids.			

SECTION 8 - EMERGENCY RESPONSE DATA

FIRE	EXTINGUISHING MEDIA To fight fire, use carbon dioxide, dry chemical or alcohol foam.	
	SPECIAL PROCEDURES Evacuate area of unprotected personnel. Wear protective clothing including a NIOSH-approved self-contained breathing apparatus.	
	UNUSUAL HAZARDS *This product has not been tested as a whole for LEL and UEL values. However, the values are listed for Isopropanol, the component contributing to this hazard.	
FIRST AID MEASURES	INGESTION: Do not induce vomiting. If patient is conscious and can swallow, administer milk or water. SKIN: Remove contaminated clothes, flood with water for 15 minutes. EYES: Flood with lukewarm (not hot) water poured from a large glass 2 or 3 inches from eyes. Remove contacts. Have patient blink as much as possible while flooding the eyes. Continue for 15 minutes. INHALATION: Move victim to fresh air. Give artificial respiration if patient is not breathing. ADMINISTER FIRST AID TREATMENT AS STATED ABOVE, THEN CALL 1-800-228-5635 Ext 075 OR CONTACT PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS.	
	STEPS TO BE TAKEN Wear proper protective equipment including rubber boots. Stop leak if you can do so without risk. Dike or dam large spills. Ventilate area if needed. Soak up with sand or other non-combustible inert absorbent materials. Flush area with water and follow with normal clean-up procedures. Keep combustibles away! Be careful as spills are slippery.	
RO	WASTE DISPOSAL METHOD Comply with all federal, state, and local regulations. Consult state and local authorities for restrictions on disposal of chemical waste. If approved, may be diluted and drained to a municipal sewer or waste treatment plant. Rinse empty container thoroughly with water before discarding.	
N.A.		

THE DATA IN THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND DOES NOT RELATE TO ITS USE IN COMBINATION WITH ANY OTHER MATERIAL OR PROCESS. THE DATA CONTAINED IS BELIEVED TO BE ACCURATE. HOWEVER, SINCE USE CONDITIONS VARY AND ARE OUTSIDE OUR CONTROL, U.S. CHEMICAL, A DIVISION OF HYDRITE CHEMICAL CO. MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, AND ASSUMES NO LIABILITY FOR FAILURE TO FOLLOW PRODUCT USE DIRECTIONS AND SAFETY PRECAUTIONS.