



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURER OR SUPPLIER DATA

MSDS NUMBER

102030

MANUFACTURER'S NAME & MAILING ADDRESS U S Chemical Corporation 316 Hart Street Watertown, Wisconsin 53094 USA		PREPARED BY D. E. Kenas	SIGNATURE <i>David E. Kenas</i>	SOLIDGIP
EMERGENCY TELEPHONE NO. (24 HOUR SERVICE) Medical Emergency ONLY: 1-800-851-7145 Ext. 075		TITLE Quality Assurance Manager	DATE 12-20-99	
		PRODUCT INFORMATION TELEPHONE NO. (9 AM TO 5 PM CST, MON - FRI) Product Information: 1-800-558-9566		

SECTION 2 - IDENTITY OF MATERIAL

PRODUCT NAME DAYBREAK			
PRODUCT DESCRIPTION Solid Laundry Detergent		FORMULA Proprietary Blend	CHEMICAL FAMILY N.A.
REGULATED IDENTIFICATION	DOT PROPER SHIPPING NAME Not Regulated by D.O.T.		
	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) 1.040	PHYSICAL FORM Solid	COLOR Blue
VAPOR PRESSURE (mm Hg) N.A.	MELTING POINT 120°F	SOLUBILITY IN WATER Complete	SCENT Lemon-Lime
VAPOR DENSITY (AIR = 1) N.A.	EVAPORATION RATE (BUTYL ACETATE = 1) N.A.	pH 2500 ppm SOLUTION 9.5	pH CONCENTRATE 11.5
OTHER N.A.			

SECTION 4 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (CHEMICAL NAME: COMMON NAME)	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	PERCENT WT/WT
Triethanolamine: TEA CAS Registry Number 102-71-6	Not Established	5 mg/m3 TWA	Not Established	1.0-5.0
Tetrasodium Ethylenediaminetetracetate CAS Registry Number 64-02-8	Not Established	Not Established	Not Established	5.0-10.0
Sodium Carbonate: Soda Ash CAS Registry Number 497-19-8	Not Established	Not Established	Not Established	3.0-7.0

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: PEG-150/25322-68-3, NONOXYNOL/9016-45-9, TETRASODIUM EDTA/64-02-8, SODIUM DODECYLBENZENESULFONATE/25155-30-0, SODIUM CARBONATE/497-19-8, TRIETHANOLAMINE/102-71-6

NFPA RATING: Health-2/Flammability-0/Reactivity-0 See Section 5 for Protective Equipment.

HMS RATING: Health-2/Flammability-0/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 IN SECTIONS 5 TO 8)

SECTION 5 - SAFE USAGE DATA

PROTECTIVE EQUIPMENT TYPES	EYES Safety glasses with side shields and an eye-wash station.	
	RESPIRATORY None required with normal use.	GLOVES Rubber or Neoprene.
	OTHER If major exposure is possible to eye/skin, wear/use appropriate protective equipment.	
VENTILATION	GENERAL MECHANICAL None required with normal use.	
	LOCAL EXHAUST None required with normal use.	
PRECAUTIONS	HANDLING & STORAGE Follow all label directions. Instruct personnel about proper use, hazards, precautions, and first-aid measures. Avoid ingestion and contact with eyes. Rotate stock regularly. Handle carefully to avoid damaging container. Keep container closed when not in use. Recommended storage temperature below 100°F. Keep out of children's reach.	

SECTION 6 - HEALTH HAZARD DATA

EFFECTS OF EXPOSURE	INHALATION None Known.
	INGESTION May cause discomfort, nausea, vomiting, and irritation to mouth, esophagus, stomach, and to other tissues with which contact is made. Severity depends upon degree of exposure.
	SKIN & EYES SKIN: Prolonged exposure to concentrate may cause slight irritation to highly sensitive skin. EYES: Contact may cause tearing, and mild to severe irritation depending upon exposure.
	ACUTE & CHRONIC ACUTE: Irritation to skin and eyes. Permanent eye damage may result without immediate first aid treatment. CHRONIC: None Known.
ROUTES OF ENTRY	INGESTION-X SKIN ABSORPTION- SKIN-X EYES-X INHALATION- TARGET ORGANS Eyes, skin.

SECTION 7 - PHYSICAL HAZARD DATA

FLAMMABILITY	LEL = N.A. UEL = N.A.	FLASH POINT = N.A.	METHOD USED = N.A.
STABILITY	STABLE	X	CONDITIONS TO AVOID Avoid contact of solid concentrate with other cleaning products. However, at use concentration, may be used with chlorinated or oxygen bleach.
	UNSTABLE		HAZARDOUS DECOMPOSITION PRODUCTS Warning! Mixing with incompatible materials may produce sulfur dioxide, hydrogen sulfide, nitrous oxides, and ammonia vapors.
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	N.A.
INCOMPATIBILITY	MATERIALS TO AVOID Strong oxidizing agents, strong acids and strong alkali such as caustic soda or caustic potash.		

SECTION 8 - EMERGENCY RESPONSE DATA

FIRE	EXTINGUISHING MEDIA For fires in area, use appropriate media. For example: Water spray, dry chemical, carbon dioxide, or alcohol foam.
	SPECIAL PROCEDURES Evacuate area of unprotected and unnecessary personnel.
	UNUSUAL HAZARDS Not Applicable.
FIRST AID MEASURES	INGESTION: Do not induce vomiting. If patient is conscious and can swallow, administer milk or water. SKIN: Remove contaminated clothes, then flood with water. 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. ADMINISTER FIRST AID TREATMENT AS STATED ABOVE, THEN CALL 1-800-851-7145 Ext. 075 OR CONTACT A PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS.
SPILLS	STEPS TO BE TAKEN This material is a solid in a plastic canister which cannot be spilled or leak. However, during use the material is dissolved and this diluted solution should be treated as follows: Flush small spills with water to local sanitary sewer as permitted.
RD - N.A.	Follow with normal clean-up procedures. 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. Please recycle empty container whenever possible.

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, THE MANUFACTURER MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, AND ASSUMES NO LIABILITY FOR FAILURE TO FOLLOW PRODUCT USE DIRECTIONS AND SAFETY PRECAUTIONS.