



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURER OR SUPPLIER DATA

MSDS NUMBER

105793

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>
	TITLE Quality Assurance Manager	DATE 3-1-04
EMERGENCY TELEPHONE NO. (24 HOUR SERVICE) Medical Emergency ONLY: 1-800-851-7145 Ext. 075	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			
READY-TO-USE NO-RINSE SANITIZER			
PRODUCT DESCRIPTION		FORMULA	CHEMICAL FAMILY
Ready-to-Use Spray Cleaner (EPA Registered)		Proprietary Blend	N.A.
REGULATED IDENTIFICATION	DOT PROPER SHIPPING NAME		
	Not Regulated by D.O.T.		
	SHIPPING ID NUMBER	PACKING GROUP	HAZARD CLASS
	N.A.	N.A.	N.A.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	SPECIFIC GRAVITY (H₂O = 1)	PHYSICAL FORM	COLOR
N.A.	1.000	Liquid	Light Orange
VAPOR PRESSURE (mm Hg)	MELTING POINT	SOLUBILITY IN WATER	SCENT
N.A.	N.A.	Complete	None Added
VAPOR DENSITY (AIR = 1)	EVAPORATION RATE (BUTYL ACETATE = 1)	pH 2500 ppm SOLUTION	pH CONCENTRATE
N.A.	N.A.	N.A.	10.0
OTHER			
Non-Viscous Solution.			

SECTION 4 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (CHEMICAL NAME, COMMON NAME)	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	PERCENT WT./WT
Alkyl (C14-50%, C12-40%, C16-10%) Dimethyl Benzyl Ammonium Chloride CAS Registry Number 68424-85-1	Not Established	Not Established	Not Established	0.0080
Octyl Decyl Dimethyl Ammonium Chloride CAS Registry Number 32426-11-2	Not Established	Not Established	Not Established	0.0060
Didecyl Dimethyl Ammonium Chloride CAS Registry Number 7173-51-5	Not Established	Not Established	Not Established	0.0036
Diocetyl Dimethyl Ammonium Chloride CAS Registry Number 5538-94-3	Not Established	Not Established	Not Established	0.0024
<p>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.</p> <p>NFPA RATING: Health-2/Flammability-0/Reactivity-0 See Section 5 for Protective Equipment.</p> <p>HMIS RATING: Health-2/Flammability-0/Reactivity-0 See Section 5 for Protective Equipment.</p> <p>CARCINOGENICITY:</p> <p>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.</p>				

(CONTINUED IN SECTIONS 5 TO 8)

SECTION 5 - SAFE USAGE DATA

PROTECTIVE EQUIPMENT TYPES	EYES Safety glasses and an eye-wash station.	
	RESPIRATORY None required with normal use.	GLOVES Rubber or Neoprene.
	OTHER	
Wear protective clothing to prevent repeated or prolonged contact.		
VENTILATION	GENERAL MECHANICAL Satisfactory. Maintain adequate ventilation. Keep levels below recommended TLV.	
	LOCAL EXHAUST Not ordinarily needed. 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. Do not freeze. Keep out of children's reach.	

SECTION 6 - HEALTH HAZARD DATA

EFFECTS OF EXPOSURE	INHALATION Inhalation of mists may cause irritation to nose, throat, and mucous membranes. Severity depends upon degree of exposure.	
	INGESTION May cause nausea, vomiting, and gastrointestinal irritation, and swelling of the larynx and skeletal muscle paralysis affecting ability to breath, circulatory shock, and convulsions.	
	SKIN & EYES SKIN: Contact may cause mild to severe irritation, depending upon the degree of exposure. EYES: Contact may cause mild to severe eye irritation.	
	ACUTE & CHRONIC ACUTE: Irritation to skin and eyes. CHRONIC: None Known.	
ROUTES OF ENTRY	INGESTION-X SKIN ABSORPTION- SKIN-X EYES-X INHALATION-	TARGET ORGANS Eyes, Circulatory System, Gastrointestinal System.

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 mixing with any other cleaning product. Mix only with water. Do not store at high temperatures. Recommended storage temperature below 100°F.
	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 Anionic surfactants, reducing agents, sodium hypochlorite, along with other strong oxidizing agents 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, 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 1-800-851-7145 Ext 075 OR CONTACT PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS.
SPILLS RQ - N.A.	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
	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.