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# MATERIAL SAFETY DATA SHEET

MSDS NUMBER  
US95100 3012 XX

MANUFACTURER'S NAME & MAILING ADDRESS U.S. Chemical - A DIVISION OF HYDRITE CHEMICAL CO. 316 Hart Street Merton, Wisconsin 53094 USA EMERGENCY TELEPHONE NO. 24 HOUR SERVICE MediCall Emergency ONLY: 1-800-228-5635 Ext. 075	PREPARED BY D. E. Keads	SIGNATURE <i>Donald E. Keads</i>	DATE 9-12-95
SECTION 1 - MANUFACTURER OR SUPPLIER DATA		SECTION 2 - IDENTITY OF MATERIAL	
PRODUCT NAME <b>RINSE AID E.S.</b>		FORMULA Proprietary Blend	
PRODUCT DESCRIPTION Mechanical Dishwashing Rinse Additive (Nonionic Surfactants)		CHEMICAL FAMILY N.A.	
REGULATED IDENTIFICATION Not Regulated by D.O.T. SHIPPING TO NUMBER N.A.		HAZARD CLASSES N.A.	

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS	
BOILING POINT N.A.	SPECIFIC GRAVITY (REQ = 1) N.A.
VAPOR PRESSURE (mm Hg) N.A.	PHYSICAL FORM Liquid
VAPOR DENSITY (AIR = 1) N.A.	COLOR Blue
OTHER	SMELL None Added
	PH (PERCENTRAGE) 5.0

Non-Viscous, Clear Solution.

SECTION 4 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION	
HAZARDOUS COMPONENTS (CHEMICAL NAME; COMMON NAME)	PERCENT
Polyoxypropylene-Polyoxyethylene Block Copolymer	>1.0
CAS Registry Number 9003-11-6	Established
Other Datas Recommended	Not Established

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/7732-18-9, AMINE POLYGLYCOL CONDENSATE/68603-58-7, HEROXAPOL/9003-11-6, ALKYLARYL POLYETHER/60864-33-7

NEPA RATING: Health-1/Flammability-0/Reactivity-0	See Section 5 for Protective Equipment.
HMIS RATING: Health-1/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.	

## SECTION 5 - SAFE USAGE DATA

PROTECTIVE EQUIPMENT TYPES	None required with normal use.
RESPIRATORY	None required with normal use.
OTHER	None required with normal use.
VENTILATION	Use Good Standard Industrial Hygiene Practices. Satisfactory. Maintain adequate ventilation. Keep levels below recommended TLV.
GENERAL MECHANICAL	None required with normal use.
LOCAL EXHAUST	None required with normal use.
HAZARDOUS 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

INHALATION	None Known.
INGESTION	May cause discomfort, nausea, vomiting, and irritation to mouth, esophagus, stomach, and to other passages with which contact is made.
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 eyes. CHRONIC: None Known.
ROUTES OF ENTRY	SKIN- EYES-X INHALATION- TARGET ORGANS: None Known.

## SECTION 7 - PHYSICAL HAZARD DATA

FLAMMABILITY	LEL = N.A. UEL = N.A. FLASH POINT = N.A. METHOD USED = N.A.
STABILITY	STABLE UNSTABLE MAY OCCUR UNDER UNUSUAL CONDITIONS TO AVOID WILL NOT OCCUR MATERIALS TO AVOID
HAZARDOUS POLYMERIZATION	None Known.
INCOMPATIBILITY	Strong oxidizing agents. Avoid direct contact with sodium hypochlorite or bleach and reducing agents.

## SECTION 8 - EMERGENCY RESPONSE DATA

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 1-800-228-5635 Ext. 075 OR CONTACT A 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. 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.
SPILLS	See first aid measures.

THE DATA IN THIS MATERIAL SAFETY DATA SHEET IS BASED ON THE SPECIFIC MATERIAL DESCRIBED AND DOES NOT RELATE TO ITS USE IN COMBINATION WITH ANY OTHER MATERIAL OR PROCESS. THE DATA CONTAINED IS BELIEVED TO BE ACCURATE UNDER THE CONDITIONS PART AND USE 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.

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