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MATERIAL SAFETY DATA SHEET

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ISSUED: FEBRUARY 28, 1997 SUPERSEDES: DECEMBER 4, 1996 DOCUMENT: 06-2713-3

1. INGREDIENT	C.A.S. NO.	PERCENT	
WATER	7732-18-5	>	98
HYDROXYALKYL AMINE OXIDES		<	1

NOTE: IN CASE OF EMERGENCY: THE NUMBER AT THE TOP OF THIS PAGE PROVIDES 24 HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT.

2. PHYSICAL DATA

BOILING POINT:	ca. 212 F
VAPOR PRESSURE:	N/D
VAPOR DENSITY:	N/D
EVAPORATION RATE:	ca. l Water = l
SOLUBILITY IN WATER:	complete
SP. GRAVITY:	
PERCENT VOLATILE:	
pH:	
VISCOSITY:	
MELTING POINT	
APPEARANCE AND ODOR: Liquid,	colorless; slightly opaque; mild fragrance

3. FIRE AND EXPLOSION HAZARD DATA

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

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4. REACTIVITY DATA

STABILITY: Stable INCOMPATIBILITY - MATERIALS TO AVOID: Strong Oxidizing Agents. HAZARDOUS POLYMERIZATION: Will Not Occur HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and Carbon Dioxide.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Observe precautions from other sections. Ventilate area. Contain spill. Cover with absorbent material. Collect spilled material. Clean up residue with water. Place in a closed container.

RECOMMENDED DISPOSAL:

Discharge spent solutions and small quantities (less than 5 gal.(19 L)) to a wastewater treatment system.

ENVIRONMENTAL DATA: A Product Environmental Data Sheet (PED) is available.

See MSDS for product concentrate.

REGULATORY INFORMATION: Volatile Organic Compounds: < 1 %. VOC Less H20 & Exempt Solvents: < 1 %.

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous).

EPCRA HAZARD CLASS: FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

6. SUGGESTED FIRST AID

EYE CONTACT: Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT: Flush skin with large amounts of water. If irritation persists, get medical attention.

INHALATION: If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

IF SWALLOWED: Do not induce vomiting. Drink two glasses of water. Call a physician.

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

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7. PRECAUTIONARY INFORMATION

EYE PROTECTION: Avoid eye contact. Avoid eye contact with vapor, spray, or mist.

SKIN PROTECTION: Avoid prolonged or repeated skin contact.

VENTILATION PROTECTION: Use in a well-ventilated area. Use with adequate dilution ventilation.

RESPIRATORY PROTECTION: Avoid breathing of vapors, mists or spray.

PREVENTION OF ACCIDENTAL INGESTION: Wash hands after handling and before eating.

RECOMMENDED STORAGE:

Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE: Keep container tightly closed.

OTHER PRECAUTIONARY INFORMATION:

NOTE: The above precautionary information presumes that this ready-touse product has been diluted and dispensed from a TWIST'n FILL (tm) Chemical Dispenser.

HMIS HAZARD RATINGS: HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0 PERSONAL PROTECTION: X (See precautions, section 7.)

EXPOSURE LIMIT	S			
INGREDIENTS	VALUE	UNIT	TYPE AUT	H SKINX
WATER	NONE	NONE	NONE NON	E
HYDROXYALKYL AMINE OXIDES	NONE	NONE	NONE NON	E

* SKIN NOTATION: Listed substances indicated with "Y" under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- AIHA: American Industrial Hygine Assoc. Workplace Environmental Exposure Level - NONE: None Established

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

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8. HEALTH HAZARD DATA

EYE CONTACT:

Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.

SKIN CONTACT:

Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

INHALATION:

Prolonged or repeated exposure may cause:

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

Ingestion may cause:

Gastrointestinal Effects: signs/symptoms generally will include abdominal pain.

SECTION CHANGE DATES

HEADING

SECTION CHANGED SINCE DECEMBER 4, 1996 ISSUE

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