

Material Safety Data Sheet

General Resource Technology
2978 Center Court
Eagan, MN 55121

EMERGENCY
After Hours Contact #
(612) 741-3041

Section I - PRODUCT IDENTITY: Polychem RENU

CAS# Proprietary Mixture
Common Name: Normal-Range Water-Reducing and Retarding/Hydration Stabilizing Concrete Admixture

Section II - HAZARDOUS INGREDIENTS:

Material:	CAS#	TLV	STEL	PEL	CONTENT
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Section III - PHYSICAL CHARACTERISTICS:

N/AV = Not Available N/AP = Not Applicable ca. = Approximate

BOILING POINT F° (C°):	212 (100)	SOLUBILITY IN WATER:	100%
VOC (W/W):	0%	SPECIFIC GRAVITY:	1.06
VAPOR DENSITY:	> AIR pH: ca: 2.1-2.3	FREEZING POINT F° (C°):	32 (0)
APPEARANCE:	DARK BROWN LIQUID	ODOR:	MUSTY

Section IV - FIRE AND EXPLOSION HAZARD DATA:

HMIS HAZARD RATING: 0 (MINIMAL)
FLASH POINT: NON-FLAMMABLE - METHOD: N/AP
AUTO-IGNITION TEMPERATURE: N/AP
LIMITS OF FLAMMABILITY: LEL: N/AP UEL: N/AP
SPECIAL FIRE & UNUSUAL HAZARDS: NONE KNOWN
EXTINGUISHING MEDIA: THIS MATERIAL DOES NOT GIVE A FLASH POINT BY CONVENTIONAL TEST METHODS, USE EXTINGUISHING AGENT SUITABLE FOR TYPE OF SURROUNDING FIRE.

Section V - REACTIVITY DATA:

HMIS HAZARD RATING: 0 (MINIMAL)
STABILITY: Stable. Not sensitive to mechanical impact.
INCOMATIBILITY: Strong mineral acids.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: (after water has evaporated) Oxides of Carbon, Nitrogen & Sulfur.

Section VI - HEALTH HAZARD DATA:

HMIS HAZARD RATING: 1 (SLIGHT)
PRIMARY ROUTE OF ENTRY: Dermal, Eyes

Effects of Overexposure

INHALATION: At room temperature, exposures to vapors are unlikely due to physical properties.
EYES: May cause slight transient irritation.
SKIN CONTACT: Prolonged or repeated skin contact tends to remove skin oils, possibly leading to irritation and dermatitis.
SKIN ABSORPTION: Not expected to be absorbed through the skin in sufficient quantities to increase overall toxicity.
INGESTION: Amounts ingested, incidental to industrial handling, are not expected to cause injury.
CHRONIC: Product does not contain carcinogenic materials as defined by 29 CFR 1910.1200

Polychem RENU

Section VII - FIRST AID

INHALATION: Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped, administer artificial respiration. Seek medical attention.

EYES: Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

SKIN: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

INGESTION: Contact physician or call Poison Control Center immediately. Do **NOT** give anything by mouth to an unconscious person.

Section VIII - SPECIAL PROTECTION INFORMATION:

Ventilation: Ventilation is generally not required.

Personal Protection Equipment: Use chemical goggles/safety glasses with side shields and rubber/latex gloves. Selection of specific items such as boots and apron will depend on operation.

Section IX - ENVIRONMENTAL & DISPOSAL INFORMATION:

ACTION to take for SPILLS/LEAKS: Wear appropriate protective equipment. Take action to eliminate source of leak; contain spill by diking; vacuum up liquid or use absorbent media; remove to storage for disposal rinse residual stain with water.

WASTE DISPOSAL METHOD: Dispose in accordance with local, provincial, state and federal regulations.

Section X - REGULATORY INFORMATION:

Title III Section 302: No reportable chemicals

Title III Section 311/312: **Health Hazard:** None

Physical Hazard: None

Title III Section 313: None above deminimis.

TSCA: All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

STATE: (California) No reportable chemicals

Section XI - TRANSPORTATION INFORMATION:

SHIPPING NAME: NOT REGULATED

EMERGENCY RESPONSE GUIDE PAGE NO.: NOT REGULATED

DOT REPORTABLE QUANTITY: NO REPORTABLE CHEMICALS

MARINE POLLUTANT: NL

P = Moderate

PP = Severe

WS = Water Sheen

NL = Not listed

ND = Not determined

Section XII - ADDITIONAL INFORMATION:

Average Shelf Life: 12 Months

Special Instructions: Keep From Freezing

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Date Prepared: 01/2003

By: Department of Environmental Health & Safety