

POLYCHEM[®]

U.S. POLYCHEMICAL
CORPORATION



H M I S HAZARD RATING:
EXECUTIVE OFFICES • PLANT • LABORATORY
584 Chestnut Ridge Road • Chestnut Ridge, NY 10977

Health 1
Flammability 2
Reactivity 0
Personal Protection B

MATERIAL SAFETY DATA SHEET

SECTION I -- PRODUCT INFORMATION

MANUFACTURE'S NAME U.S. POLYCHEMICAL CORP PREPARATION DATE NOVEMBER 1, 1993
REVISION DATE September 16, 1997

STREET ADDRESS 584 CHESTNUT RIDGE ROAD CITY, STATE AND ZIP CODE CHESTNUT RIDGE, NY 10977

EMERGENCY TELEPHONE NO. 914-356-5530 PRODUCT CLASS SOLVENT REPLACEMENT SOLUTION

INFORMATION TELEPHONE NO. 914-356-5530 TRADE NAME POLYCHEM[®] HYDROPURGE -21[®]

MANUFACTURE'S CODE IDENTIFICATION --- * THE HYDROPURGE PROCESS IS PATENTED. PAT # 5,632,822

SECTION II -- HAZARDOUS INGREDIENTS

INGREDIENT	CAS NO.	PERCENT	OCCUPATIONAL EXPOSURE LIMITS	
			TLV PPM	STEL PPM
ETHYLENE GLYCOL MONOBUTYL ETHER * ISOPROPYL ALCOHOL SODIUM PHOSPHATE	111-76-2	14-20	25	50
	67-63-0	10-15	400	500
	10101-89-0	1-5	—	5mg/m ³ TWA

SECTION III -- PHYSICAL DATA

BOILING RANGE 216°F VAPOR DENSITY (X) HEAVIER () LIGHTER THAN AIR () NOT APPLICABLE

EVAPORATION RATE () FASTER (X) SLOWER THAN ETHER () NOT APPLICABLE

PERCENT VOLATILE BY VOLUME 98 WEIGHT PER GALLON 8.0 LBS

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION OSHA / DOT FLAMMABLE FLASH POINT : 120°F, T.C.C. LEL: NOT APPLICABLE

EXTINGUISHING MEDIA (X) FOAM () ALCOHOL FOAM () CO₂ () DRY CHEMICAL () WATER FOG () OTHER N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS NONE KNOWN. DOES NOT SUPPORT COMBUSTION.

SPECIAL FIRE FIGHTING PROCEDURES AVOID PROLONGED CONTACT WITH SKIN. AVOID CONTACT WITH EYES.
WEAR SELF-CONTAINED BREATHING APPARATUS. COOL CLOSED
CONTAINERS WITH WATER SPRAY TO CONTROL RUPTURES.

Outside NY State Call Toll Free (800) 431-2072 From NY State Call Collect (914) 356-5530

Fax # (914) 356-6656

SECTION V -- HEALTH AND HAZARD DATA

EFFECT OF OVER EXPOSURE

IRRITATION OF NOSE & THROAT. HIGH CONCENTRATIONS OF FUMES CAN CAUSE HEADACHES, NAUSEA & VOMITING.

MEDICAL CONDITIONS PRONE

REPEATED OVEREXPOSURE MAY CAUSE DAMAGE TO LIVER, KIDNEYS, LUNGS, OF CENTRAL NERVOUS SYSTEM.

TO AGGRAVATION BY EXPOSURE

PRIMARY ROUTE(S) OF ENTRY (X) DERMAL (X) INHALATION (X) INGESTION

EMERGENCY AND FIRST AID PROCEDURES

IN EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

ON SKIN: REMOVE AND LAUNDER CONTAMINATED CLOTHES PRIOR TO REUSE. WASH AFFECTED AREA WITH SOAPY WATER.

SWALLOWED: DRINK SEVERAL GLASSES OF MILK OR WATER. GET IMMEDIATE MEDICAL ATTENTION.

SECTION VI -- REACTIVITY DATA

STABILITY () UNSTABLE (X) STABLE CONDITIONS TO AVOID --

INCOMPATIBILITY (MATERIALS TO AVOID) STRONG OXIDIZING AGENTS AND STRONG CAUSTICS.

HAZARDOUS DECOMPOSITION PRODUCTS CARBON DIOXIDE AND OR CARBON MONOXIDE.

HAZARDOUS POLYMERIZATION () MAY OCCUR (X) WILL NOT OCCUR

SECTION VII -- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED ABSORB INTO ABSORBENT MATERIAL. STORE ABSORBED SPILL IN A CONTAINER.

WASTE DISPOSAL METHOD DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION VIII -- SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION IN HIGH CONCENTRATIONS OF FUMES, USE NIOSH APPROVED RESPIRATOR.

VENTILATION LOCAL EXHAUST FAN WHERE TLV FOR SOLVENTS MAY BE EXCEEDED.

PROTECTIVE GLOVES

PLASTIC

EYE PROTECTION

SPLASH SHIELD GOGGLES

OTHER PROTECTIVE EQUIPMENT

LONG SLEEVE SHIRT AND PANT
DRENCH SHOWER.
EYE WASH STATION

SECTION IX -- SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE STORE IN COOL DRY PLACE AWAY FROM HEATERS. WASH HANDS AFTER HANDLING THIS MATERIAL.

OTHER PRECAUTIONS --

* 40 CFR 372 (SECTION 313) REPORTING REQUIRED.

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