



# Guardian Laboratories

a division of UNITED-GUARDIAN, INC.

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## MATERIAL SAFETY DATA SHEET

**REPLACES:**

5/26/1995

**WRITTEN BY:** KRISTEN NANTISTA

**DATE:** 13-Jan-05 **SIGNATURE**

*Kristen Nantista*

### 1. IDENTIFICATION OF THE MATERIAL AND THE PRODUCER

**COMMERCIAL NAME:** POLYJEL HV

**CHEMICAL NAME:** Water (77-92-9) , Glycerin (56-81-5), Hydroxypropylmethylcellulose (9004-65-3)  
(CAS No:)

**TELEPHONE:** (631) 273 - 0900

**CONTACT:** J. VERNICE

### 2. COMPOSITION / INFORMATION OF THE INGREDIENTS

**HAZARDOUS MATERIALS:** NONE KNOWN

### 3. IDENTIFICATION OF THE DANGERS

**INHALATION** NONE KNOWN

**SKIN:** NONE KNOWN

**EYES:** NONE KNOWN

**INTAKE:** NONE KNOWN

#### 4. FIRST AID MEASURES

**INHALATION:** REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

**SKIN:** WASH AFFECTED AREAS WITH COPIOUS AMOUNTS OF WATER.

**EYES:** FLUSH EYES WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

**INTAKE:** SEEK MEDICAL ATTENTION.

**BURNS:** SEEK MEDICAL ATTENTION.

#### 5. MEASURES IN CASE OF FIRE

##### EXTINGUISHING MEDIA:

WATER: Yes                      FOAM: Yes                      CO2: Yes

**SPECIAL PROCEDURES:** Wear self contained breathing apparatus.

DRY CHEMICAL: NO

**UNUSUAL HAZARDS:** None known.

LEL: ND

UEL: ND

#### 6. MEASURES IN CASE OF ACCIDENTAL LEAK

**SPILL PROCEDURES:** SCOOP UP ALL SPILLS. MOP THOROUGHLY. SLIPPERY SUBSTANCE.

#### 7. HANDLING AND STOCKING

**HANDLING PROCEDURES:** Slippery substance. Use caution when handling.

**INCOMPATIBILITY:** STRONG OXIDIZERS

## 8. CONTROL TO EXPOSURE / INDIVIDUAL PROTECTION

**VENTILATION:** LOCAL EXHAUST

**RESPIRATORY PROTECTION:** NOT REQUIRED

**EYE PROTECTION:** RECOMMENDED

**GLOVES:** RECOMMENDED

**OTHER PROTECTION:** LAB COAT OR OTHER PROTECTIVE CLOTHING

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**FORM:** GEL

**pH:** 5 - 7

**COLOR:** LIGHT YELLOW TO STRAW

**ODOR:** CHARACTERISTIC

**CHANGE IN PHYSICAL STATE:** ND

**VISCOSITY:** 170,000-265,000 cps

**SOLUBILITY:** WATER: COMPLETE

**DENSITY:** ND

**BULK DENSITY:** ND

**FLASH POINT:** None

**IGNITION:** ND

**EXPLOSION LIMITS:** ND

**VAPOR PRESSURE:** NEGLIGIBLE

## 10. STABILITY AND REACTIVITY

**STABILITY:** STABLE

**CONDITIONS TO AVOID:** EXTREME TEMPERATURES

**INCOMPATIBILITY:** STRONG OXIDIZERS

**HAZARDOUS DECOMPOSITION PRODUCT** CO<sub>x</sub>, NO<sub>x</sub>

**HAZARDOUS POLYMERIZATION:** WILL OCCUR: WILL NOT OCCUR: XX

## 11. TOXICOLOGICAL INFORMATION

**TLV:** Not determined

**PEL:** Not determined

**EFFECTS OF OVEREXPOSURE:** None known.

**TOXICITY:** Not determined.

**CARCINOGEN STATUS:** NOT LISTED AS A CARCINOGEN

## 12. ECOLOGICAL INFORMATION

**DEGRADATION:** ND

**AQUATIC TOXICITY:** ND

## 13. CONSIDERATION ON DISPOSAL

**DISPOSAL PROCEDURES:** CONSULT LOCAL, STATE AND FEDERAL REGULATORY AGENCIES

## 14. TRANSPORT INFORMATION

**GGVSee/IMDG CODE::** ND

**UN No:** ND

**GGVE/GGVS:** ND

**ICAO/IATA-DGR:** ND

**RID/ADR:** ND

**ADNR:** ND

**DOT CLASSIFICATION:** NOT REGULATED

**HAZARDOUS MATERIAL ID:** NA

## 15. INFORMATION ON CURRENT REGULATIONS

**HAZARD SYMBOL:** ND

**R-PHRASES:** ND

**S-PHRASES:** ND

<b>HMIS RATING:</b>	<b>Health:</b>	0	<b>HMIS RATINGS:</b>	
	<b>Flammability:</b>	0	0 - MINIMAL	3 - SERIOUS
	<b>Reactivity:</b>	0	1 - SLIGHT	4 - SEVERE
			2 - MODERATE	

## 16. OTHER INFORMATION

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### LEGEND:

ND - NOT DETERMINED  
NA - NOT APPLICABLE