2. HAZARDOUS INGREDIENTS

PRINCIPAL HAZARDOUS COMPONENT(S)

NAME	PERCENT	THRESHOLD LIMIT / VALUE (UNITS)
Proprietary Information	15%	• NR
None of these components are hazardous as defined by 29CFR1910.1200, OSHA"s Hazard Communication Standard	2%	• NR
OTHER INGREDIENTS		
Water(CAS #7732-18-5)	83%	• Not applicable

3. PHYSICAL AND CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

BOILING POINT	• 212° Fahrenheit
SPECIFIC GRAVITY (H2 O = 1)	• 1
VAPOR PRESSURE (MM Hg)	• Approximately 20
PERCENT VOLATILE BY VOLUME (%)	• Almost all
VAPOR DENSITY (AIR = 1)	• Same as water (approximately 0.7)
EVAPORATION RATE	• Same as water (low)
SOLUBILITY IN WATER	• Highly soluble
REACTIVITY IN WATER	• N/A
APPEARANCE AND ODOR	• Milky white liquid, very little odor

4. FIRE AND EXPLOSION DATA

FLASH POINT	• N/A
FLAMMABLE LIMITS IN AIR % BY VOLUME	• LOWER N/A, UPPER N/A
EXTINGUISHER MEDIA	• Water spray, dry chemical, carbon dioxide or foam as appropriate for surrounding fire and materials.
AUTO IGNITION TEMPERATURE	• N/A
SPECIAL FIRE FIGHTING	• As with all fires, evacuate personnel to a safe area. Fire fighters should use self-contained breathing equipment and protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS	• None Known

5. PHYSICAL HAZARDS

STABILITY	• ( ) Unstable (**X**) Stable
CONDITIONS TO AVOID	• Material is stable from a safety point of view.
INCOMPATIBILITY (MATERIALS TO AVOID)	• Oxidizing material may cause a reaction
HAZARDOUS DECOMPOSITION PRODUCTS	• Silicon dioxide, carbon dioxide, and traces of incompletely burned carbon products.
HAZARDOUS POLOYMERIZATION	• Will not occur

6. HEALTH HAZARDS

ROUTES OF ENTRY	• Inhalation, skin, accidental ingestion, skin injection.
THRESHOLD LIMIT VALUE	• None established.
SIGNS AND SYMPTOMS OF OVER EXPOSURE	• Liquid is largely inert in contact with the human system. It may cause mild eye irritation upon eye contact or upon injection into the eye. Care should be used in using this material with any pressurized systems. Methyl Paraben can cause sensitization reactions and dermatitis in sensitive individuals.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	• Hyper-sensitivity to the material.
EMERGENCY AND FIRST AID PROCEDURES	• Upon eye or skin contact, flush affected area with water. Obtain medical attention.
CARCINOGENICITY	• None reported by OSHA, IARC, or NTP

7. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION	• None required.
VENTILATION	• Ventilation should be used to maintain exposure below the PEL and TLV
PROTECTIVE GLOVES	• Rubber or vinyl gloves can be used if employees experience skin irritation.
EYE PROTECTION	• Safety goggles should be worn when splash hazards are present.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT	• Protect exposed skin. Appropriate laboratory apparel.

8. SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE	• Keep from freezing. This material should be handled and stored per label and other instructions to ensure product integrity.
OTHER PRECAUTIONS	• Exercise care in using this material with any pressurized systems offering potential for eye or skin injection.
STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED	• Use absorbent material to collect and contain material for salvage or disposal.
WASTE DISPOSAL METHODS	• Dispose of waste in accordance with all applicable Federal, State, and Local Laws.

N/A = Not Applicable
Date: 03/01/02

N/R = Non-regulated