



**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

INGREDIENT NAME	CAS No	STD	LT EXP[8hrs]	ST EXP[15min]
ETHANOL	64-17-5	OES.	100 ppm	No std.
PROPYLENE GLYCOL	57-55-6	OES.	150 ppm	No std.

INGREDIENT COMMENTS: OES = Occupational Exposure Standard

**PROTECTIVE EQUIPMENT:**

PROTECTIVE GLOVES: Use protective gloves  
 EYE PROTECTION: Wear approved, tight fitting safety glasses where splashing is probable  
 HYGIENIC WORK ROUTINES: Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: Gel COLOR: White  
 ODOR/TASTE: FRESH  
 SOLUBILITY DESCRIPTION: Partially soluble in water  
 BOILING POINT[°C]: -86.1-87.2@760mmHg  
 SPECIFIC GRAVITY[Water=1]: 0.85-0.95@N/A°C PH-VALUE,CONC: 6.0-7.0  
 FLASH POINT[°C]: Nonflammable  
 FLASH POINT METHOD: CC[Closed cup]

**10. STABILITY AND REACTIVITY**

STABILITY: Normally stable  
 CONDITIONS TO AVOID: Avoid excessive heat for prolonged periods of time. Avoid contact with: Strong Mineral acids. Strong alkalis.

**11. TOXICOLOGICAL INFORMATION**

INGESTION: May cause discomfort if swallowed. May cause irritation to mucous membranes  
 SKIN: May cause skin irritation.  
 EYES: May cause irritation to eyes.  
 INGREDIENT TOXICOLOGICAL DATA ETHANOL

TOXIC DOSE 1 – SD50: 7060mg/kg[oral rat]

INGREDIENT TOXICOLOGICAL DATA PROPYLENE GLYCOL

TOXIC DOSE 1 – LD50: 2500MG/KG[oral rat]

**12. ECOLOGICAL INFORMATION**

ENVIORNMENTAL HAZARDS: Not regarded as dangerous for the environment.

**13. DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements

**14. TRANSPORT INFORMATION**

ROAD;  
 HAZARD CLASS [ADR]: Not classified for transportation

RAIL:

SEA:

AIR:

**15. REGULATORY INFORMATION**

RISK PHRASES: Not classified  
 SAFETY PHRASES: S-2 Keep out of reach of children  
 S-24/25 Avoid contact skin and eyes

**16. OTHER INFORMATION**

REVISION DATE: 09-2002