

Material Safety Data Sheet IceClear PGX

Product Hazard: Health: 0 Fire: 0 Toxicity: 0 Reactivity: 0 Special: 0
Hazard Rating: 4 = Deadly 3 = Extreme 2 = Hazardous 1 = Slight Hazard 0 = Normal

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING 11/11/11

Product Name: IceClear PGX
Manufacturer/Supplier: Orison Marketing, L.L.C. (Cage Code: 1GZV7)
4801 South Danville Drive
Abilene, TX 79602
Emergency Telephone Number: (325) 692-1135 or 800-460-2403 (in the U.S.)

2. INGREDIENTS

Chemical Component	CAS#	Weight%	OSHA PEL	ACGIH TLV
Complex Carbohydrates		55 - 65	15 mg/m2TWA	10 mg/m3 TWA
Water	7732-18-5	35 - 45	NE	NE

- CONTAINS NO HAZARDOUS INGREDIENTS UNDER CURRENT OSHA REGULATIONS

No ingredients are subject to reporting requirements off section 313 of the Emergency Planning and Right-To-Know Act of 1986 and of 40 CFR 372.

3. HAZARDS IDENTIFICATION

Carcinogen: NO **NTP:** NA **IARC Monograph:** NA **OSHA:** 15 mg/m2TWA

Primary Routes of Entry: Eye - Yes **Ingestion - Yes** **Inhalation - NA** **Skin - Yes**
Effects of overexposure: Eye - Slight irritation **Ingestion - nausea** **Inhalation - none** **Skin - none**

Most Important Hazards: Avoid contact with strong oxidizing agents or other reactive materials.

Specific Hazards: None

4. FIRST AID MEASURES

General Advice: Product exhibits no adverse effects.
Inhalation: Get to fresh air
Skin Contact: Irritation unlikely
Eye Contact: May Cause slight irritation. Rinse thoroughly with plenty of water.
Ingestion: Product is non-toxic. Drink 1-2 glasses of water to dilute. Do not give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Foam, Dry chemical, CO2, water fog
Special Fire Fighting Procedures: Wear SCBA & all protective equipment
Specific Hazards: Avoid contact with strong oxidizing agents or other reactive materials.
Flash Point: None

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: None needed. Caution floor may be slippery.
Environmental Precautions: None needed; non-toxic, non-hazardous in neat form.
Methods for Cleaning Up: Filter and reuse or dispose according to local, state or federal regulations.

7. HANDLING AND STORAGE

Corrosivity: Non-corrosive.
Technical Measures/Precautions: Normal ventilation is adequate.
Safe Handling Advice: Avoid contact with eyes.
Technical Measures/Storage Conditions: Low temperature can cause handling problems. Viscosity of material will increase.
Incompatible Products: Avoid contact with strong oxidizing agents or other reactive materials.
Packaging Material: No restrictions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures:	General room ventilation is satisfactory.
Control Parameters:	None needed.
Personal Protection Equipment	
Respiratory:	None needed.
Eye:	May cause slight irritation. Safety glasses may be used.
Hand:	Remove contaminated clothing and wipe excess from skin. Wash skin with soap and water. If irritation occurs, get medical attention.
Hygiene Measures:	Employ good hygiene measures.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: semi viscous liquid	Color: clear to light amber
Odor: None	pH: 6-8
Boiling Point/Range: 228°F	Melting Point/Range: Not Applicable
Freezing Point: -31°F/-35°C	Viscosity @ 20°C: 11 cPs
Flash Point: None	Explosive Properties: None
Evaporation Rate: >1 ether=1 (same as water)	Water Solubility: Complete
Vapor Pressure: 565	Vapor Density: NA air =1
Surface Tension: Not determined	Specific Gravity: 1.15
Volatile Organic Compounds: None known	

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	High temperatures
Materials to Avoid:	Avoid contact with strong oxidizing agents or other reactive materials.
Hazardous Decomposition Products:	Oxides of carbon
Hazardous Polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	Non-Toxic Inhalation, rat: LC50 = >1140 mg/m3/1H Oral, rat: LD50 = > 24,000 mg/kg Skin, rabbit: LD50 = > 20 gm/kg Exotoxicity: rainbow trout = >120 mg/L, Goldfish = >10,000 mg/L
Local Effects:	None.
Specific Effects:	None.

12. ECOLOGICAL INFORMATION

Non-toxic, non-hazardous, safe for the environment.

13. DISPOSAL CONSIDERATIONS

Waste from Residues/Unused Products: Non-hazardous. Sewerable in neat form. Product container is recyclable.
Contaminated Packaging: If recycling is not practicable, dispose of in compliance with the Environmental Protection (Duty of Care) Regulations 1991 if contaminated with hazardous materials. May be disposed of in neat form.

14. TRANSPORTATION INFORMATION

Not classified as dangerous or hazardous in the meaning of transport regulations. Class 60.

15. REGULATORY INFORMATION

- **No ingredients are subject to reporting requirements off section 313 of the Emergency Planning and Right-To-Know Act of 1986 and of 40 CFR 372.**
- Product complies with all known regulatory considerations and is unregulated and not listed as a Hazmat by any agency.
- **Proposition 65 statement:** This product DOES NOT contain any chemical(s) known to the state of California to cause cancer and/or birth defects.
- CONTAINS NO HAZARDOUS INGREDIENTS UNDER CURRENT OSHA REGULATIONS
- ALL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY
- NONE OF THE CHEMICALS IN THIS MATERIAL HAVE AN RQ OR TPQ
- THIS MATERIAL DOES NOT CONTAIN HAPS, CLASS 1 OR CLASS 2 OZONE DEPLETERS
- NONE OF THE CHEMICALS IN THIS MATERIAL ARE LISTED ON CANADA'S INGREDIENT DISCLOSURE LIST
- ALL INGREDIENTS ARE LISTED ON CANADA'S DSL LIST

16. OTHER INFORMATION

For further information, contact the Headquarters of Orison Marketing, L.L.C.
Recommended Use: Antifreeze/Heat Transfer

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