

MATERIAL SAFETY DATA SHEET

Section 1

General Information

Trade Name & Synonyms: **POLYCOOL 992**

Revision Date: November 16, 2001

Chemical Name & Synonyms:

Chemical Family:

Formula: Aqueous Solution

Manufacturer:



Schaefer Technologies, Inc.
3000 Carrollton Road
Saginaw, MI 48604
(989)753-1877

Emergency Contact: CHEM-TEL- (800) 255-3924

Section 2

Ingredients

Principle Hazardous Ingredients

Threshold Limit Value (Units)

Polymaleic Acid - maleic acid polymer	N.A.
Sodium Polyacrylate	N.A.
Polyacrylic Acid	N.A.
Acrylate Copolymer	N.A.
Phosphonic Acid	N.A.
1-hydroxyethylidine 1,1-diphosphonic acid	N.A.
Sodium Molybdate	N.A.
Sodium Tolytriazole	N.A.
Sodium Hydroxide	N.A.

This product contains Phosphoric Acid, a chemical listed in Section 313 of SARA Title III above de minimus concentration.

Section 3

Physical Data

Boiling Point (°F): Above 212°F

Vapor Pressure (mm Hg.): N.A.

Vapor Density (Air = 1): N.A.

Solubility in Water: Complete

Appearance & Odor: Clear – yellow

Specific Gravity (H₂O = 1): 1.060

Percent Volatile By Weight (%): 82

Evaporation Rate (___ = 1): Unknown

pH: 12

Section 4

Fire & Explosion Hazard Data

Flash Point (Test Method): N.A.

Auto Ignition Temperature:

Flammable Limits: N.A.

LEL: N.A.

UEL: N.A.

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Special Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

Unusual Fire & Explosion Hazards: None known.

Section 5

Health Hazard Data

Threshold Limit Value: Mixture. See Section II for individual TLV's.

Carcinogenicity: NTP: No IARC: No OSHA: No

Primary Route (s) of Entry: Dermal, inhalation and ingestion.

Symptoms of Exposure: May cause irritation to skin, eyes and digestive tract.

Emergency First Aid:

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. See a physician.

Skin: Wash thoroughly with plenty of soap and water. Remove contaminated clothing and shoes. Wash before reuse. Get medical attention if irritation persists.

Inhalation: Remove to fresh air.

Ingestion: If swallowed, **DO NOT** Induce vomiting. If conscious, give several glasses of water or milk. Get medical attention immediately.

Section 6

Reactivity Data

Stability: Stable under ordinary conditions of use and storage.

Conditions to Avoid: None known.

Incompatibility (Materials to Avoid): Strong acids & oxidizing agents.

Hazardous Polymerization: Will not occur under ordinary conditions of use and storage.

Conditions to Avoid: None known.

Hazardous Decomposition Products: None known.

Section 7

Environmental Protection Procedures

Spill Response: Wear the proper safety equipment. For small spills, dilute with large quantities of water and flush to sewer. For larger spills, absorb with inert material and dispose of in an appropriate manner.

Waste Disposal Method: Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult federal, state, and local regulatory agencies to ascertain proper disposal procedures.

Section 8

Special Protection Information

Eye Protection: Chemical goggles or face shield.

Skin Protection: Impervious gloves and protective clothing.

Respiratory Protection (Specific Type): None required for normal operations.

Ventilation Recommended: Local exhaust is recommended.

Other Protection: Eye wash fountain and safety shower in immediate work area recommended.

Section 9

Special Precautions

Hygienic Practices In Handling & Storage: Do not let product freeze. Keep containers closed when not in use.

Other Precautions: Always wash thoroughly after handling any chemical.

