

# MATERIAL SAFETY DATA SHEET

**Product:** Polyacryl Carrier  
**Cat. No.:** PC 152

Molecular Research Center, Inc.  
5645 Montgomery Rd.  
Cincinnati, Ohio 45212  
USA 1-888-841-0900

Product Name: Polyacryl Carrier  
Chemical Formula: N/A  
Molecular Weight: 200,000  
Synonyms: Poly (Acrylamide-co-acrylic acid), 2-propenamamide, holopolymer.

NFPA RATINGS: (scale 0-4) Health=0 Fire=0 Reactivity=0  
HMIS RATINGS: (scale 0-4) Health=0 Fire=0 Reactivity=0

CHEMTREC EMERGENCY NUMBER: Only in the event of an emergency involving a spill, leak, fire exposure or accident. USA: 1-800-424-9300; International: 1-703-527-3887

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Percent
Polyacrylamide	9003-06-9	Proprietary Information

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## 3. HEALTH HAZARD IDENTIFICATION

Avoid all unnecessary exposure to any laboratory chemical as part of a good personal laboratory safety hygiene program.

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## 4. FIRST AID

**EYE CONTACT:** Flush eyes with copious amounts of water for 15 minutes.

**SKIN CONTACT:** Remove contaminated clothing. Wash skin with soap and water for 15 minutes.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**INGESTION:** Wash out mouth with water, provided person is conscious. Call a physician.

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## 5. FIRE AND EXPLOSION HAZARD DATA

Extinguishing media: water spray, carbon dioxide, dry chemical powder or foam. Wear self-contained breathing apparatus. May emit toxic fumes under fire conditions.

## 6. ACCIDENTAL RELEASE MEASURES

Wear chemical safety goggles, rubber boots, and impervious gloves. Clean up spill, hold in sealed bags for disposal. Ventilate area and wash spill site.

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## 7. HANDLING AND STORAGE

Refer to Section 8.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment: wear eye protection, impervious gloves and lab coat. Avoid contact with eyes and skin. Store tightly closed in a cool, dry place with adequate ventilation. Use in area where safety shower and eye bath station are accessible.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Description:      Colorless liquid

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## 10. STABILITY AND REACTIVITY

**INCOMPATIBILITIES:** Strong oxidizing agents.

**HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:** Toxic fumes of carbon monoxide, carbon dioxide and nitrogen oxides.

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## 11. TOXICOLOGICAL INFORMATION

May be harmful by inhalation, ingestion, and skin absorption. May cause eye and skin irritation. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

**TOXICITY DATA: acrylamide polymers Rat:** IPR LD50:3600 mg/kg. **Mouse:** oral LD50: 12,950 mg/kg. **Rabbit:** oral LD50:11250 mg/kg. See actual entry in RTECS for complete information.

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## 12. ECOLOGICAL INFORMATION

No data available.

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## 13. DISPOSAL INFORMATION

Dissolve or mix with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe federal, state, local regulations.

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## 14. TRANSPORT INFORMATION

No data available.

