

# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product:** Washing and Pre-Hyb Solution  
**Cat. No:** WP-117

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

Product Name: Washing and Pre-Hyb Solution.  
Chemical Formula: A formulation.  
Molecular Weight: A formulation.

CERCLA RATINGS: N/A

NFPA RATINGS: (scale 0-4)

Health=1

Flammability=1

Reactivity=0

HMIS RATINGS: (scale 0-4)

Health=1

Fire=1

Reactivity=0

PPE=B

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
Ingredient Formulation	Not applicable	Proprietary Information

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## 3. HAZARD IDENTIFICATION

<b>ROUTES OF EXPOSURE:</b>	Skin	Yes
	Ingestion	Yes
	Inhalation	No

**ACUTE EFFECTS:** Slightly dangerous in case of skin or eye contact (irritant) or ingestion. May cause skin sensitivity. No known effects from chronic exposure to this product.

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## 4. FIRST AID

**EYE CONTACT:** Check and remove contact lenses. Flush with water in an eye wash for at least 15 minutes, holding eyelids open. Do not use eye ointment. Obtain medical attention if symptoms or discomfort persist.

**SKIN CONTACT:** Remove contaminated clothing. Immediately wash skin with soap and copious amounts of water. If irritation persists, seek medical attention.

**INGESTION:** If swallowed, wash out mouth with water provided person is conscious. Do not induce vomiting unless directed to do so by medical personnel. Call a physician.

## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

**FIREFIGHTING PROCEDURES:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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## 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT FOR SPILL CONDITIONS:** Use gloves and other appropriate protective covering to avoid skin contact. Use chemical goggles, face shield, or other appropriate eye protection.

**SPILL RESPONSE:** Use appropriate absorbent material, place in bag and hold for waste disposal. Wash spill site with mild detergent after spill is removed.

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## 7. HANDLING AND STORAGE

Store at room temperature in a dry, well ventilated area.

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

For routine operations wear safety glasses, latex gloves and lab coat to avoid contact with eyes, skin and clothing. Ensure that eyewash station and safety shower is proximal to work area. Wash thoroughly after handling. Keep container tightly sealed.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Melting point: N/A

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## 10. STABILITY AND REACTIVITY

**STABILITY:** Product is stable under normal temperature and pressure. No known hazardous combustion or decomposition products.

**INCOMPATIBILITIES:** No data available.

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## 11. TOXICOLOGICAL INFORMATION

**ACUTE EFFECTS:** May cause skin, eye or mucus membrane irritation. Avoid dermal contact and ingestion.

**TOXIC EFFECTS ON HUMANS:** Very slight to slightly dangerous effects in case of skin or eye contact or ingestion.

**Rat:** Acute oral LD50=4000 mg/kg; **Rabbit:** Acute dermal LD50=20,000 mg/kg.

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## 12. ECOLOGICAL INFORMATION

Data not available.

