

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: 1-703-527-3887

2. COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS No	Percent
Ingredient Formulation	Not applicable	Proprietary Information

3. HAZARD IDENTIFICATION

ROUTES OF EXPOSURE:	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.

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. 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.

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.

7. HANDLING AND STORAGE

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

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Melting point: N/A

10. STABILITY AND REACTIVITY

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

INCOMPATIBILITIES: No data available.

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.

12. ECOLOGICAL INFORMATION

Data not available.

13. DISPOSAL CONSIDERATIONS

Keep in sealed containers until final disposal. May be incinerated according to federal, state and local environmental regulations.

14. TRANSPORT INFORMATION

Not a DOT controlled material.

15. REGULATORY INFORMATION

Not a regulated substance.

16. OTHER INFORMATION Reviewed by BW, MJ
Revision date 5/21/07

This information is believed to be accurate and represents the information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

Abbreviations:

N/A	Not Applicable
N.D.A.	No data available
TLV-STEL	Threshold Limit Values (Short-Term Exposure Limit)
TLV-TWA	Threshold Limit Values (Time-Weighted Average)
OSHA PEL-TWA	OSHA Permissible Exposure Level