

## SAFETY DATA SHEET

### SECTION 1. Identification of the substance/mixture and of the company

1. Identification of the substance or mixture

Product No: 40808

Product Name: Hieff Trans™ Universal Transfection Reagent

2. Recommended use of the chemical and restrictions on use

Biochemical research/analysis.

Uses advised against: No information available.

3. Details of the supplier of the safety data sheet

Yeasen Biotechnology (Shanghai) Co., Ltd.

Tianxiong Road, Pudong New Area Shanghai International Medical Zone, Shanghai, China.

Hotline: +86-400-6111-883.

Fax: 021-34615995.

### SECTION 2. Hazard Identification

1. Emergency Overview

Caution - substance not yet fully tested. To our knowledge, the hazards of this material have not been thoroughly investigated. We recommend handling all chemicals with caution.

2. Potential Health Effects

NOT determined for Inhalation, Ingestion, Skin, Eyes, Chronic Exposures and Target Organs etc.

### SECTION 3. Composition/information on ingredients

1. Substance / Mixture: Mixture.

Chemical Name	CAS Number	Proportion	Formula	Molecular Weight
Water	7732-18-5	>99%	H <sub>2</sub> O	18
Ingredient A	N/A	<1%	N/A	N/A

### SECTION 4. First aid measures

Potentially harmful. Avoid prolonged or repeated exposure. Wash with water thoroughly after handling. If eye or skin contact occurs, wash affected area with water for 15 minutes and seek medical advice. If inhaled, move individual to fresh air and seek medical advice. If swallowed, seek medical advice.

### SECTION 5. Fire-Fighting measures

Use dry chemical powder or appropriate foam extinguisher.

### SECTION 6. Accidental release measures

Use appropriate protective equipment and methods to clean up spilled substances promptly. Absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws.

**SECTION 7. Handling and storage**

1. Handling: Always wear recommended Personal Protective Equipment. No special handling advices are necessary. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
2. Storage: Desiccation required. Keep container tightly closed in a dry, cold, dark and well-ventilated place. Store at = 4°C. Protect material from long-term exposure to light; may be exposed to light for short periods of time.

**SECTION 8. Exposure controls/personal protection**

Wear appropriate gloves, protective clothing and eyewear and follow safe laboratory practices.

ACGIH/OSHA Permissible Exposure Limit Data: Not determined

**SECTION 9. Physical and chemical properties**

Physical and chemical Properties	Information
Appearance	Liquid
Physical State	Solution
Odor	None reported

No data available for others.

**SECTION 10. Stability and reactivity**

1. Thermal Decomposition: No decomposition if used according to specifications.
2. Dangerous Reactions: No dangerous reactions identified.
3. Dangerous Products of Decomposition: No dangerous decomposition products identified.

**SECTION 11: Toxicological information**

1. RTECS Number: None known
2. Toxicity: We are not aware of any toxicity data for this product.
3. Potential Hazards: The complete properties have not been investigated; however, similar compounds are known to be chemically reactive with proteins and other biochemicals and should be treated as potentially hazardous.
4. Carcinogenicity: Not listed by NTP, IARC or OSHA.

**SECTION 12: Ecological information**

Do not allow product to reach ground water, water course, or sewage system.

**SECTION 13: Disposal considerations**

Consult local, state or national regulations for proper disposal.

**SECTION 14: Transport information**

Hazard Class: Not determined

Identification Number: Not determined

Packing Group: Not classified

Proper Shipping Name (Technical Name): Not determined

**SECTION 15: Regulatory information**

1. US Toxic Substances Control Act (TSCA): Not listed
2. US Other: Not applicable
3. EEC EINICS Number: Not identified
4. EEC Risk Statements: Not determined
5. Other Country Regulations: None identified

**SECTION 16: Other information**

This material is sold for research purposes ONLY.

**End of Safety Date Sheet**