

MATERIAL SAFETY DATA SHEET

CANFAST™ Transfection Reagent

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

1.1. PRODUCT DETAILS

Trade Name: CANFAST™ Transfection Reagent

Catalog Number: T0083

1.2. COMPANY DETAILS

Supplier: Canvax Reagents S.L., Luis de Mercado St. 19, Boecillo Technological Park, Valladolid (Spain)

1.3. EMERGENCY TELEPHONE NUMBER

European emergency number: 112

Italy:

CHEMTREC: 800789767

CHEMTREC (Milan): +(39) 0245557031

Spain:

CHEMTREC: 900868538

CHEMTREC (Barcelona): +(34) 931768545

2. HAZARDS IDENTIFICATION

The mixture **should not be considered as dangerous** in accordance with Directive 1999/45/EC.

The mixture **should not be considered as hazardous** in accordance with Regulation (EC) N°1272/2008.

Adverse physicochemical effects on human health and environment: **no hazard**.

3. COMPOSITION

Synthetic product in aqueous solution.

Non-Lipid Cationic Polymer.

4. FIRST AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES

Inhalation: Remove affected person immediately to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Give several glasses of milk or water. Vomiting may occur spontaneously, but it is not necessary to induce. Never give anything by mouth to an unconscious person.

Skin contact: Wash exposed area with soap and water. If irritation persists, seek medical attention.

Eye contact: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Get medical attention.



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5. FIRE FIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Extinguish with Carbon Dioxide, dry chemical powder or appropriate foam.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Slight Flammability. Material must be heated before ignition will occur.

5.3. ADVICE FOR FIRE FIGHTERS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.

7. HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Avoid contact with eyes and skin. Avoid inhalation of vapours and mists. Do not eat or drink while working.

7.2. CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES

Store under ventilated premises.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

General practice, wash (hands and skin) thoroughly after handling. Remove and wash contaminated clothing.

Occupational exposure limits: If expose, safety shower and eye wash. Mechanical exhaust.

8.2. EXPOSURE CONTROLS



Eye/face protection: The following protection should be worn: Safety goggles.

Hand protection: The following protection should be worn: Compatible resistant gloves.

Other skin and body protection: Wear rubber apron. Wear rubber footwear.

Respiratory protection: none required.



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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. BASIC INFORMATION ON PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Color: Clear or colorless.

Odor: None or odorless

10. STABILITY AND REACTIVITY

10.1. REACTIVITY

Stable under normal conditions.

10.2. CHEMICAL STABILITY

Stable under normal conditions.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

Not determined.

10.4. CONDITIONS TO AVOID

Not determined.

10.5. INCOMPATIBLE MATERIALS

Not determined.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Not determined.

11. TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture. As far as we are currently aware, this mixture and its components have no properties potentially harmful to health.

12. ECOLOGICAL INFORMATION

Data not available.

13. DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

General information: Dispose of in accordance with local regulations.



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14. TRANSPORT INFORMATION

14.1. UN-NUMBER

No DOT shipping name required.

14.2. TRANSPORT HAZARD CLASS(ES)

Substance considered non-hazardous for ground or air transport.

14.3. ENVIRONMENTAL HAZARDS

Hazardous pollutant substance/marine pollutant: No.

14.4. SPECIAL PRECAUTIONS FOR USER

No information required.

14.5. TRANSPORT IN BULK ACCORDING TO ANNEX II MARPOL73/78 AND THE IBC CODE

No information required.

15. REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

National Provisions: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU Legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures (as amended).

Guidance: CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131.

16. OTHER INFORMATION

Disclaimer: This product intended for R&D use. Use of material must be supervised by technically qualified individual. This above information is believed to be correct but may not be all inclusive and shall be used as a reference guide only. Company shall not be held liable for any damage resulting from handling or contact with above product.

Revision comments NOTE.

Revision Date: 24/08/2023

Revision: 02

Date of replacement: 24/08/2023

