



Material Safety Data Sheet

(Prepared according to 1907/2006/EC, Article 31)

Revision Date: 21-April-2014

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

1.1 Product Details:

Product Form: Mixture

Resazurin Sodium Salt: 0 -5 %

Water: 95 -100 %

Product Name: Resazurin sodium salt

Trade Name: Resazurin cell viability assay.

Catalog Number	Size
CA035	10 000 rxns

1.2 Company Details:

Canvax Biotech SL
Parque Científico-Tecnológico "Rabanales 21"
C/Astronoma Cecilia Payne,
Edif. Canvax
14014, Cordoba, SPAIN
TEL.:(+) 34957 348066
FAX: (+) 34 957 346217

1.3 Toxicological Information Service:

European emergency number: 112

Spain:

CHEMTREC 900-868538

CHEMTREC (Barcelona) +(34)-931768545

For Research use only

2. CHEMICAL CHARACTERISATION

Component Description Volume Safety Information

Resazurin Solution: 4x25 ml

Resazurin Solution:

Classification according to Regulation (EC) No 1272/2008[CLP]: none

Labelling according to Regulation (EC) No 1272/2008[CLP]

Pictogram: none

Signal word: none

Hazard statement(s): none.

Precautionary statement(s): none

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3. HAZARDS IDENTIFICATION

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

4. FIRST AID MEASURES

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact: Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Firefighting Techniques/Equipment: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Accidental releases may be subject to special reporting requirements and other regulatory mandates.

Personal precautions: Use personal protective equipment

Methods for cleaning up: Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Wear personal protective equipment.

Conditions for safe storage:

Keep container tightly closed in a dry and well-ventilated place.

Store at 4 °C or -20.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment:

Respiratory protection

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection

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Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

Odor: No data available

pH: No data available

Melting Point/ Freezing Point: No data available

Boiling Point: No data available

Vapor density: No data available

Relative density: No data available

Solubility: Soluble in Water

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions

Materials to Avoid: No dangerous reaction known under conditions of normal use

Hazardous decomposition products: none under normal use

Products polymerization: Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not hazardous

Sensitization: none

Germ cell mutagenicity: none

Carcinogenicity: none

Reproductive toxicity: none

Target organ toxicity : No known effects under normal use conditions

Aspiration hazard: no data available

Potential health effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed.

Skin: May cause eye irritation with susceptible persons

Eyes: May cause eye irritation with susceptible persons

12. ECOLOGICAL INFORMATION

Ecotoxicological Information: No ecological information available.

Environmental Fate (Degradation, Transformation, and Persistence): Bioconcentration is not expected to occur.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

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14. TRANSPORT INFORMATION

DOT (US), IMDG, IATA: not dangerous good during transportation

15. OTHER INFORMATION

The information provided above is believed to be correct to our best knowledge, but does not purport to be all inclusive, and shall be used only as a guide. This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. Canvax Biotech SL shall not be held liable for any damage resulting from handling or contact with the above product.

Abbreviations

NTP - National Toxicology Program

OSHA - Occupational Health and Safety Administration

IARC - International Agency for Research on Cancer

ACGIH - Association Advancing Occupational and Environmental Health

IATA - International Air Transport Association

IMDG - International Maritime Dangerous Goods

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