

MATERIAL SAFETY DATA SHEET

XTT Cell Proliferation Assay Kit

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

1.1. PRODUCT DETAILS

Trade Name: XTT Cell Proliferation Assay Kit

Catalog Number: CA031, CA031-S

1.2. COMPANY DETAILS

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

1.3. EMERGENCY TELEPHONE NUMBER

Emergency Telephone Number: +34 900868538 (CHEMTREC España) +34-931768545 (CHEMTREC internacional)

2. HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

The product is a kit consisting of different tampons, which different tampons are produced using individual ingredients.

Based on available data, the classification criteria are not met (CLP classification - Regulation (EC) No 1272/2008)

2.2. LABEL ELEMENTS

Not required.

2.3. PREVENTIVE ADVICE

None.

2.4. OTHER HAZARDS

This substance/mixture does not contain components that are considered to be persistently bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. CHEMICAL CHARACTERIZATION

Chemical name	CAS-no.	EC-no.	Index-no.	Weight %	Classification according to (67/548/CEE) or (199/45/CE)
Phenazine methosulfate	299-11-6	206-072-1	-	<5	-
XTT	111072-31-2	NDA		<5	

4. FIRST AID MEASURES

4.1. DESCRIPTION OF DIRTS AID MEASURES

Inhalation: Move affected person immediately to fresh air.



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Ingestion: Provide plenty of water to drink (maximum 2 glasses). Get medical attention if any discomfort continues.

Skin contact: Remove contaminated clothing immediately and wash skin with copious amounts of water. Get medical attention if any discomfort continues.

Eye contact: Flush immediately with plenty of water. Remove contact lenses. Contact physician.

Puncture Wounds: Wash thoroughly with water. Allow to bleed freely. Contact physician.

Note to Physician: Not Applicable

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

The most important known symptoms and effects are described in section 11.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Non-specific recommendations. In case of doubt, seek medical attention immediately.

5. FIRE FIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Use extinguishing measures appropriate to local circumstances. Water spray, dry chemical powder, or appropriate foam.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Carbon monoxide (CO), Carbon dioxide (CO₂), Nitrogen oxides (NO_x), Sulfur oxides, Sodium oxides.

5.3. ADVICE FOR FIRE FIGHTERS

In case of fire, protect yourself with self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear protective clothing as described in Section 8 of this Safety data sheet. Absorb spill and place in closed container for disposal. Wash area thoroughly after clean-up is complete.

6.2. ENVIRONMENTAL PRECAUTIONS

Do not allow product to enter sewage system.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Cover the sewers. Pick up, sew up and vacuum up spills. Observe possible material restrictions (see instructions in Sections 7 or 10). Collect dry and proceed to waste disposal. Clarify. Avoid the formation of dust.

6.4. REFERENCE TO OTHER SECTIONS

For disposal: see section 13.



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7. HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Should be handled by trained personnel. Wear personal protective equipment/protective mask. Ensure adequate ventilation. Avoid contact with skin, eyes or clothes. Avoid inhalation and ingestion.

7.2. CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES

Keep containers tightly closed in a dry, cool and well-ventilated place to protect product quality. Store at -20°C.

7.3. SPECIFIC END USE(S)

Laboratory reagents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

Exposure limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by region-specific regulatory agencies.

Biological limit values

This product, as supplied, does not contain any hazardous materials with biological limits established by specific regional regulatory bodies.

Tracking methods

EN 14042:2003 Identification title: Atmospheres in workplaces. Guidelines for the application and use of procedures to evaluate exposure to chemical and biological agents.

8.2. EXPOSURE CONTROLS

Special protective equipment



Technical measures

None under normal conditions of use.

Personal protective equipment

- Eye protection: Use safety glasses with side protectors (or goggles) (EU Standard – EN 166)
- Hand protection: Protective gloves. Inspect gloves before use
- Skin and body protection: Long-sleeved clothing



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Respiratory protection: It is not necessary to use protective equipment under normal conditions of use.
Exposure Controls Environmental: No information available

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. BASIC INFORMATION ON PHYSICAL AND CHEMICAL PROPERTIES

Appearance: pink liquid (XTT) , yellow liquid (Activator)

Odor: Odorless.

Relative density: No data available.

Solubility(ies): Soluble in water.

Physical State: Liquid

pH (XTT Reagent): 7.5 – 7.9

Boiling Point: Not Applicable

Melting Point: Not Applicable.

Freezing Point: Not Applicable

Vapor Pressure: Not Available.

Vapor Density: Not Available.

Specific Gravity: Not Available.

Evaporation Rate: Not Available.

Solubility in Water: Not Available.

Odor Threshold: Not Available.

Coefficient of Water/Oil Distribution: Not Available

9.2. OTHER INFORMATION

Not determined.

10. STABILITY AND REACTIVITY

10.1. REACTIVITY

There are no known reactivity hazards associated with this product.

10.2. CHEMICAL STABILITY

Stable at normal room temperature and when used as recommended.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

Not determined.

10.4. CONDITIONS TO AVOID

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Avoid excessive heat for prolonged periods of time.

10.5. INCOMPATIBLE MATERIALS

Not determined.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of the following substances: Carbon.

11. TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

There is no evidence available indicating severe toxicity.

Main routes of exposure

- Irritation Conclusive, but not sufficient for classification
- Corrosivity Conclusive, but not sufficient for classification
- Conclusive awareness, but not sufficient for classification. STOT - single exposure Conclusive, but not sufficient for classification
- STOT - repeated exposure Conclusive, but not sufficient for classification
- Carcinogenicity Conclusive, but not sufficient for classification
- Mutagenicity Conclusive, but not sufficient for classification
- Reproductive toxicity Conclusive, but not sufficient for classification
- Aspiration hazard Conclusive, but not sufficient for classification

11.2. INFORMATION ABOUT OTHER HAZARDS

No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

Do not contaminate ponds, waterways or ditches with chemicals or used containers, send them to a licensed waste management company.

Waste must be disposed of in accordance with local and national regulations.

Do not mix them with other waste. Handle dirty containers like the product itself.

Waste Directive 2008/98 note / EC.



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14. TRANSPORT INFORMATION

14.1. UN-NUMBER

No information required.

14.2. UN PROPER SHIPPING NAME

No information required.

14.3. TRANSPORT HAZARD CLASS(ES)

No information required.

14.4. PACKAGING GROUP

No information required

14.5. ENVIRONMENTAL HAZARDS

ADR/RID: no IMDG Marine pollutant: No

IATA: No

14.6. SPECIAL PRECAUTIONS FOR USER

No information required. Non-dangerous product according to the criteria of transport regulations.

14.7. 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.

Hazard Classification for water: WGK 2

15.2. CHEMICAL SAFETY ASSESSMENT

Any chemical safety assessment has been carried out.

16. OTHER INFORMATION





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The information set out above is believed to be correct but is not intended to be exhaustive and should be used as a guide only. The information contained in this document is based on the present state of our knowledge and is applicable to the appropriate safety precautions for the product

