



Material Safety Data Sheet

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

Revision Date: 12-Dec-2014

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

1.1 Product Details:

Trade Name: **Annexin V Apoptosis Detection Kit**

Catalog Number	Size
CA011	100 rxns
CA012	100 rxns
CA013	100 rxns
CA014	100 rxns

Components and their hazardous ingredients:

- Labeled Annexin V: No hazards (Sodium azide $\leq 0.1\%$, CAS 26628-22-8)
- Binding Buffer (10x): No hazards
- Propidium iodide: No hazards (Propidium Iodide $\leq 0.001\%$, CAS 25535-16-4)

Not a hazardous substance or mixture

This product either does not contain hazardous constituents or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200 and the European Directive 91/155/EEC, 88/379/EEC, and 67/546/EEC.

1.2 Company Details:

Canvax Biotech SL
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For further information, please contact: info@canvaxbiotech.com

1.3 Toxicological Information Service:

Distributed by:	Tallaght Business Park Whitestown, Dublin 24, Ireland D24 RFK3	Quatro House, Frimley Road, Camberley, United Kingdom GU16 7ER
 Lab Unlimited CARL STUART GROUP	Tel: (01) 4523432 Fax: (01) 4523967 E-mail: info@labunlimited.com Web: www.labunlimited.com	Tel: 08452 30 40 30 Fax: 08452 30 50 30 E-mail: info@labunlimited.co.uk Web: www.labunlimited.co.uk

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European emergency number: 112

Spain:

CHEMTREC 900-868538

CHEMTREC (Barcelona) +(34)-931768545

For Research use only

2. CHEMICAL CHARACTERISATION

Not a hazardous substance or mixture.

- Labeled Annexin V: No hazards (Sodium azide $\leq 0.1\%$, CAS 26628-22-8)
- Binding Buffer (10x): No hazards
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3. HAZARDS IDENTIFICATION

Not a hazardous substance or mixture.

No ingredients present at concentrations that require reporting.

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

Condition of flammability: Not flammable or combustible.

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary.

Hazardous combustion products: Hazardous combustion products formed under fire conditions— no data available

6. ACCIDENTAL RELEASE MEASURES

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

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Personal precautions: Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods for cleaning up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage:

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

Store at 4 °C.

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

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

Odor Threshold: No data available

pH: No data available

Melting Point/ Freezing Point: No data available

Boiling Point: No data available

Flash Point: No data available

Evaporate rate: No data available

Flammability: No data available

Explosive Limits: No data available

Vapor pressure: No data available

Vapor density: No data available

Relative density: No data available

Solubility: Soluble in Water

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Partition coefficient (noctanol/water): No data available

Auto-Ignition Temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive Properties No data available

Oxidising Properties: No data available

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended storage conditions

Possibility of hazardous reactions: No data available

Conditions to Avoid: Heat, flames and sparks.

Materials to Avoid: No data available

Hazardous decomposition products: No data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity: no data available

Skin corrosion/irritation: no data available

Skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

12. ECOLOGICAL INFORMATION

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information:

• **General notes:** Not known to be hazardous to water.

• **Results of PBT and vPvB assessment:**

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Regulatory Information: Not applicable.

Disposal Method: Clean up and dispose of waste in accordance with all federal, state, and or local environmental.

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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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