

TREVIGEN®

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL IDENTIFICATION

PRODUCT NAME: **TACS™ Annexin V Kits**

CATALOG NUMBERS: **4830-01-K; 4830-01-1; 4830-01-2; 4800-01-3; 4830-250-K; 4830-250-1; 4800-250-2; 4800-250-3; 4835-01-K; 4835-01-1; 4835-01-2; 4835-01-3; 4835-250-K; 4835-250-1; 4835-250-2; 4835-250-3**

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

KIT COMPONENTS:

CHEMICAL NAME: Annexin V-Fluorescein isothiocyanate (Annexin-V-FITC)
CAS#: none SARA 313: No

Annexin-V-Biotin
CAS#: none SARA 313: No

10X Binding Buffer
CAS#: none SARA 313: No

Propidium Iodide (**3,8-Diamino-5-[3-(diethylmethylammonio)propyl]-6-phenyl-phenanthridinium diiodide**)
CAS#:25535-16-4 SARA 313: No

SECTION 3: HAZARDS IDENTIFICATION

Label Precautionary Statements:

Caution: Avoid contact and inhalation. Irritating to eyes, respiratory system and skin.

Emergency Overview: Irritant. Irritating to eyes, respiratory system and skin.

HMS RATING: Health: 2 Flammability: 0 Reactivity: 0

NFPA RATING: Health: 2 Flammability: 0 Reactivity: 0

Potential Health Effects:

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

Skin: May be harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye irritation

Ingestion: May be harmful if swallowed.

SECTION 4: FIRST-AID MEASURES

Eyes: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

Skin: In case of contact, immediately wash skin with soap and copious amounts of water. Consult a physician.

Inhalation: If inhaled, move person to fresh air. If not breathing give artificial respiration. Call physician.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician.

Clothing: Wash contaminated clothing before reuse.

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SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media:

Water spray

Carbon dioxide, dry chemical powder or appropriate foam

Special fire fighting procedures:

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Adsorb onto vermiculite or paper towels, place in bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete. Do not allow product to enter drains.

SECTION 7: HANDLING AND STORAGE

HANDLING: Refer to section 8.

STORAGE: Suitable: Keep tightly closed in the dark. Light sensitive.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical safety goggles

Compatible chemical-resistant gloves

NIOSH/MSHA-Approved respirator

Safety shower and eye bath

Mechanical exhaust required

Avoid inhalation

Avoid contact with eyes, skin and clothing

Avoid prolonged or repeated exposure

Wash thoroughly after handling

Keep tightly closed

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: Liquids

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Incompatibilities: Strong oxidizing agents

Hazardous combustion or decomposition products: Nature of decomposition products not known

SECTION 11: TOXICOLOGICAL INFORMATION

Acute effects:

May be harmful by inhalation, ingestion, or skin absorption

May cause eye irritation

May cause skin irritation

May be irritating to mucous membranes and upper respiratory tract

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

Data not yet available

SECTION 13: DISPOSAL CONSIDERATIONS

Mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations. Dispose of contaminated packaging as unused product.

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SECTION 14: TRANSPORT INFORMATION

DOT (US): Not Dangerous
IMDG: Not Dangerous
IATA: Not Dangerous

SECTION 15: REGULATORY INFORMATION

OSHA Hazards: Irritant
TSCA Status: Not on TSCA Inventory
DSL Status: These kits contain 3,8-Diamino-5-[3-(diethylmethylammonio)propyl]-6-phenyl-phenanthridinium diiodide, and Annexin-V-fluorescein isothiocyanate which are not on the Canadian DSL or NDSL lists.

SARA 302: No

SARA 313: No

SARA 311/312: Acute health hazard

Massachusetts Right to Know Components: No components listed

Pennsylvania Right to Know Components:

3,8-Diamino-5-[3-(diethylmethylammonio)propyl]-6-phenyl-phenanthridinium diiodide
CAS#: 25525-16-4

New Jersey Right to Know Components:

3,8-Diamino-5-[3-(diethylmethylammonio)propyl]-6-phenyl-phenanthridinium diiodide
CAS#: 25525-16-4

California Prop. 65 Components:

These kits do not contain any chemicals known by the State of California to cause cancer, birth, or any other reproductive defects.

European Information:

Symbol of Danger: B-Xi

Indication of Danger: Biohazard. Irritant.

R: 36/37/38

Risk Statements: Avoid contact with skin and eyes.

Safety Statements: In case of contact, rinse immediately with plenty of water and seek medical advice.

US Statements: Handle as if capable of transmitting infectious agents.

Caution: kit components not thoroughly investigated.

SECTION 16: OTHER INFORMATION

The above information is believed to be correct, however, the physical, chemical, and toxicological properties of the product may not yet have been fully characterized. Trevigen recommends the use of gloves, lab coats and eye protection while using or handling this product. Trevigen assumes no liability for damage resulting from handling or contact with the above product. This MSDS does not represent any guarantee of the properties of the product.

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