

VS C-Beads

rev41/25

Cat# TCB-CB001-1, TCB-CB001-2

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: VS C-Beads
PRODUCT CODE: TCB-CB001-1
MANUFACTURER: ThinkCyte Inc.
ADDRESS: 1100 Island Drive, Redwood city, CA 94065
WEBSITE: <https://thinkcyte.com/>

SECTION 2: HAZARD IDENTIFICATION

Classification of substance or mixture: Not Classified as hazardous according to Regulation (EC) 1272/2008 (CLP/GHS) or Directive 67/548/EEC as amended.

Caution: This substance has not been fully tested (EC).

Inhalation (power/mists): May be harmful if inhaled. May cause upper respiratory tract & mucous membrane irritation.

Skin and Eyes: May cause skin and eye irritation.

Ingestion: May be harmful if swallowed.

Environmental: May be harmful to the environment.

Label Elements: None required according to regulation (EC) 1272/2008 (CLP/GHS) or Directive 1999/45/EC.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

The product contains Sodium Azide at a concentration of 0.02% which is fatal if swallowed (T+; R28 R32 N)

SECTION 4: FIRST AID MEASURES

Inhalation: Immediate move to fresh air & rest. Keep under observation and if breathing becomes difficult seek immediate medical attention. Resuscitate if breathing stops.

Skin Contact: Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

Eye Contact: First rinse with plenty of water for at least 10 minutes (remove contact lenses if easily possible), ensure lids remain open during flushing, and then seek immediate medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Forms combustible solid if allowed drying out. Emits corrosive & toxic fumes, including oxides of carbon, nitrogen during combustion.

Extinguishing Method: Use foam extinguishers or water spray.

Special Firefighting Procedure: Wear self contained breathing apparatus with full face shield operated in positive pressure mode, MSHA/NIOSH (approved or equivalent), and full protective gear.

Unusual Fire Hazards and Explosion Hazards: May produce black acrid smoke if burned.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Use protective equipment.

Spill/Leaks: Clean up spills using an absorbent, non-combustible material and gather up placing in a clean closed container for disposal. Do not wash away into sewers.

SECTION 7: HANDLING AND STORAGE

Store unopened packages at ambient temperature, light protected in a well ventilated place away from heat. Store at 2-8°C.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters - No components above the 0.1% threshold have specific workplace control parameters assigned to our knowledge. Local mechanical ventilation is not required as supplied, but this is also dependent on other mobile phases and analytes used. Always use a fume cupboard if handling as the liquid component may become airborne.

Personal Protective Equipment:

Respiratory protection: If required to control exposure, use only suitable respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand Protection: Suitable impervious gloves (e.g. Nitrile or Neoprene rubber). The selected protective gloves have to conform to EN 374.

Eye Protection: Safety glasses with side-shields conforming to EN 166.

Hygiene measures: Avoid contact of contents with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Diluted suspension of Polystyrene beads organic dye stained in water with 0.02% Sodium Azide as preservative.

Color: Cloudy, Various depending on fluorophore used.

Boiling Point: 100°C / 212°F

Melting Point: No information available.

Solubility: No information available.

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Conditions to avoid: Extreme heat.

UNITED STATES

1100 Island Drive, STE 203 Redwood City, CA

JAPAN

7-3-1 Hongo, Bunkyo, Tokyo

THINKCYTE.COM

Copyright © 2023 ThinkCyte, K.K.. ThinkCyte, Ghost Cytometry, and VisionSort are trademarks of ThinkCyte, K.K.. All rights reserved.
For Research Use Only.

Materials to avoid: Strong oxidizing agents, bases.

Hazardous Decomposition: Monomer may be formed if heated to high temperatures. May release toxic fumes including oxides of carbon and nitrogen.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Exposure

Inhalation: May be harmful if inhaled.

Skin contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through skin.

Ingestion: May be harmful if swallowed

SECTION 12: ECOLOGICAL INFORMATION.

To the best of our knowledge, the ecotoxicological properties of this mixture have not been fully investigated. However, the liquid may be harmful to the environment depending on the quantity and dilution involved.

SECTION 13: DISPOSAL CONSIDERATIONS

Methods of disposal must meet all local, federal, and state laws.

IATA, IMO/IMDG, ADR/RID, US-DOT: Not classified as hazardous for any mode of transport.

SECTION 14: REGULATORY INFORMATION

Regulatory Information: Manufactured for Research use only. Not subjected to TSCA.

SECTION 15: OTHER INFORMATION:

Not Applicable.

DISCLAIMER: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Thinkcyte, shall not be held liable for any damage resulting from handling or from contact with the above product.