



T-100CALKIT

Turbidity standards

Safety Data Sheet

I. Identification of the substance/mixture and of the company/undertaking

PRODUCT: T-100CALKIT; 01X594502; 35635-52
Turbidity standards

PRODUCT USE: Standards

MANUFACTURER/SUPPLIER.
Thermo Fisher Scientific, Inc
Blk 55, Ayer Rajah Crescent, #04-16/24, Singapore 139949,
Website: www.eutechinst.com E-mail: eutech@thermofisher.com
Telephone number: (65) 6778 6876.Fax number: (65) 6773 0836.
Emergency telephone number
CHEMTREC 24 HR Emergency : SINGAPORE : 800-101-2201
International : +1 703-741-5970

II. HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008
This product is not classified as hazardous according to the CLP regulation.
OSHA regulatory status
This product is considered not hazardous under 29 CFR 1910.1001-10501200 (Hazard Communication).

Label elements

Labelling according to Regulation (EC) No 1272/2008	Not applicable.
Hazard pictograms	Not applicable.
Signal word	Not applicable.
Hazard statements	Not applicable.

Precautionary Statements

Prevention	Not applicable.
Response	Not applicable.
Storage	Not applicable.
Disposal	Not applicable.
Hazards(s) not otherwise Classified (HNOC)	Not applicable.

III. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT Styrene Divinyl Benzene Copolymer Bead
CAS NO. 9003-70-7WEIGHT:<1%
COMPONENT Deionized Water (H2O)
CAS NO. 7732-18-5 WEIGHT:>99%

IV. FIRST AID MEASURES

EYE AND SKIN CONTACT: Wash contacted skin of water. Flush eyes with water. Seek medical attention if irritation develops.
INHALATION: Inhalation is not an expected route of exposure.
INGESTION: Ingestion is not hazardous. Call a physician if necessary.

V. FIRE FIGHTING MEASURES

FIRE FIGHTING EQUIPMENT: Use protective clothing and breathing equipment appropriate for the surrounding fire.
FIRE AND EXPLOSION HAZARDS:Not considered to be a fire or explosion hazard.
EXTINGUISHING MEDIA: Use any means suitable for extinguishing surrounding fire.

VI. ACCIDENTAL RELEASE MEASURES

PROCEDURE OF PERSONAL PRECAUTION:Wear chemical safety goggles, Cover shoes and gloves.
METHODS FOR CLEARING UP:Absorb with suitable material (paper, towels etc.) and treat as normal refuse if local regulations allow. Ventilate area and wash spill site after material pickup is complete.

VII. HANDLING AND STORAGE

HANDLING:Avoid contact with eyes and skin. As with all chemicals wash hands thoroughly after handling. Protect from freezing and physical damage.
STORAGE: Keep container tightly closed. Store in a cool dry place.

VIII. EXPOSURE CONTROLS/ PERSONAL PROTECTION

ENGINEERING CONTROLS:Safety shower and eye bath. Mechanical exhaust required.
GENERAL HYGIENE MEASURES:Wash thoroughly after handling. Wash contaminated clothing before reuse
PROTECTIVE EQUIPMENT: Safety glasses, lab coat and gloves.

IX. PHYSICAL AND CHEMICAL PROPERTIES

STATE: White powder suspended in clear, colorless liquid. Depending on concentration, solution may be clear, hazy or opaque. ODOR THRESHOLD: Odorless
SPECIFIC GRAVITY:1FLASH POINT:NA AUTOIGNITION POINT:NA:
COEFFICIENT OF OIL/WATER DISTRIBUTION: None
SOLUBILITY IN WATER: MISCIBLEpH: 6.7 SPECIFIC GRAVITY: NA
BOILING POINT: Approx. 100°C MELTING POINT: Approximately 0°C
DENSITY: 1 FLAMMABILITY LIMITS: UPPER:NA LOWER:NA
VAPOR DENSITY: NOT DETERMINED

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY:Stable under normal conditions of use and storage.
INCOMPATIBILITY: Incompatible with Organic matter (No hazardous reaction).Hazardous decomposition product: None.
CONDITIONS TO AVOID:Keep from freezing (Once frozen, polymer will not remain completely suspended)
HAZARDOUS POLYMERIZATION:Will not occur

XI. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure
Ingestion Based on available data, the classification criteria are not met.
Inhalation Due to lack of data the classification is not possible.
Skin contact Due to lack of data the classification is not possible.
Eye contact Due to lack of data the classification is not possible.
Carcinogenicity:
This product is not considered to be a carcinogen by IARC, ACGIH, .NTP, or OSHA.
Route of Exposure: May cause irritation of eyes and skin. Maybe harmful if swallowed.
Teratogen Status: None
Mutagen Status: None
Reproductive Toxicity: None
Carcinogen Status: None

XII. ECOLOGICAL INFORMATION

Non hazardous to the environment.
BIOACCUMALATIVE POTENTIAL: No information found
PERSISTENCE AND DEGRADABILITY: No information found

XIII. DISPOSAL CONSIDERATIONS

DISPOSAL: Liquid may be flushed to the sewer. Always dispose of in accordance with local, state and federal regulation.

XIV. TRANSPORT INFORMATION

RID/ADR: This product is not regulated.
IMDG:This product is not regulated.
IATA: This product is not regulated.
DOT CLASS: This product is not regulated.

XV. REGULATORY INFORMATION

SARA TITLE 313: No
TSCA LISTED: Yes
NFPA: #-0-0-0

XVI. OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. ALL PRODUCTS ARE OFFERED IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT PRODUCTION SPECIFICATIONS AND ARE INTENDED SOLELY FOR USE IN ANALYTICAL TESTING. THE MANUFACTURER SHALL IN NO EVENT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE RESULTING FROM THE HANDLING, USE OR MISUSE OF THESE PRODUCTS.

Document Number :68X613802 / OK MSDS-TUR-001 Rev. 0 Effective Date: 10 OCT 14