

SAFETY DATA SHEET

SDS No.1001-55550

Date

June 14, 2018

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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : PEG-20M PT 25% Uniport B 60/80 mesh
NAME OF SUPPLIER : GL Sciences Inc.
ADDRESS : 22-1 Nishishinjuku 6-chome Shinjuku-ku Tokyo 163-1130, Japan
CHARGE SECTION : International Sales Section
TELEPHONE No. : +81-3-5323-6620
FACSIMILE No. : +81-3-5323-6621
PRODUCT No. : 1001-55550, 1003-05550
SDS No. : 1001-55550
Research use only.

2. HAZARDS IDENTIFICATION

This product is the packing material using for such as chromatography analysis, researches and developments. Although the column packed with is not dangerous goods, we show some data about this packing material for the information supplement below.

GHS CLASSIFICATION : Acute toxicity - oral - : Category 3
HAZARD SYMBOL :



SIGNAL WORD : Danger

HAZARD STATEMENTS :

H301 Toxic if swallowed

PRECAUTIONARY STATEMENTS :

[Prevention]

P264

Wash hands thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

[Response]

P301+P310

IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P330

Rinse mouth.

[Storage]

P405

Store locked up.

[Disposal]

P501

Dispose of contents/container in accordance with all applicable regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY : PEG-20M PT 25% Uniport B

SYNONYMS : - - -

CHEMICAL FORMULA : Mixture

CHEMICAL IDENTITY	CONTENT	CHEMICAL FORMULA	CAS RN	TSCA INVENTORY	EINECS No.
PEG-20M (Polyethylene glycol)	25 %	H(OCH ₂ CH ₂) _n OH	25322-68-3	Listed	Not established
1,2,3-Tris(2-cyanoethoxy) propane	1 - 3 %	C ₁₂ H ₁₇ N ₃ O ₃	2465-93-2	Listed	219-573-5
Uniport B (Diatomaceous earth)	75 %	SiO ₂	68855-54-9	Listed	272-489-0

4. FIRST AID MEASURES

- GENERAL ADVICE : Consult a physician. Show this safety data sheet to the doctor in attendance.
- INHALATION : Move victim to fresh air. If breathing is difficult, give oxygen. If irritation persists, consult a physician.
- SKIN CONTACT : Remove contaminated clothes and shoes, rinse skin with plenty of water or shower. Use soap to help assure removal. Consult a physician immediately.
- EYE CONTACT : Flush eyes well with flooding large amounts of running water for at least 15 minutes. Assure adequate flushing by separating the eyelids with sterile fingers. If possible, remove any contact lenses. Consult a physician immediately.
- INGESTION : Rinse mouth, give plenty of water to dilute the substance. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician immediately.

5. FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA : Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- FIRE & EXPLOSION HAZARDS : Toxic, irritating, dust/fume/smoke may be emitted. Carbon monoxide may be foamed.
- SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS : Firemen should wear normal protective equipment(full bunker gear) and positive-pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS : Remove ignition sources and ventilate the area. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid raising dust and avoid contact with skin and eyes.
- ENVIROMENTAL PRECATIONS : 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 CLEAN UP : Do not touch spilled material without suitable protection. Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

- HANDLING : Keep away from ignition sources and ventilate the area —No smoking. In case of insufficient ventilation, wear suitable respiratory equipment.
Avoid contact with eyes, skin, and clothing. Avoid inhalation of vapour or mist. Avoid prolonged or repeated exposure. Handle this product with suitable protection.
- STORAGE : Store away from sunlight, heat and all ignition sources in well-ventilated dry place. Keep container tightly closed.
- INCOMOPATIBLE PRODUCTS : Strong oxidizers, acids

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- ENGINEERING MEASURES : Use exhaust ventilation to keep airborne concentrations below exposure limits. Use adequate ventilation.
- VENTILATION : Local Exhaust ; Necessary, Mechanical(General) ; Necessary
- PERSONAL PROTECTION
 - Respiratory protection : Use respirators approved under appropriate government standards and follow all regulations.
 - HAND PROTECTION : Chemical resistant gloves
 - EYE PROTECTION : Safety glasses(goggles)
 - SKIN PROTECTION : Protective clothing
- CONTROL PARAMETERS
 - ACGIH : Not established
 - OSHA PEL : Not established
 - NIOSH REL : Not established

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : White
 SHAPE : Solid(Powder)
 ODOR : Odorless
 pH : No data available
 BOILING POINT : No data available
 MELTING POINT : No data available
 FLASH POINT : No data available
 FLAMMABILITY : No data available
 AUTOIGNITION TEMPERATURE : No data available
 VAPOR PRESSURE : No data available
 SPECIFIC GRAVITY (DENSITY) : No data available
 SOLUBILITY IN
 Water : Insoluble
 Organic solvent : Insoluble
 PARTITION COEFFICIENT ; n-octanol/water : No data available
 DECOMPOSITION TEMPERATURE : No data available

10. STABILITY AND REACTIVITY

REACTIVITY : It is easy to absorb moisture in the air, and carbon dioxide.
 CHEMICAL STABILITY : Stable under recommended storage conditions.
 CONDITION TO AVOID : Sunlight, heat, moisture, CO₂, oxidizers, acids
 INCOMPATIBLE MATERIALS : Strong oxidizers and strong acids
 HAZARDOUS DECOMPOSITION PRODUCTS : CO, CO₂, silicone oxides

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY : No data available
 SKIN CORROSION/IRRITATION : No data available
 EYE DAMAGE/EYE IRRITATION : No data available
 RESPIRATORY OR SKIN SENSITIZATION : No data available
 GERM CELL MUTAGENICITY : No data available
 CARCINOGENICITY : No data available
 REPRODUCTIVE TOXICITY : No data available
 SPECIFIC TARGET ORGAN TOXICITY : No data available
 ASPIRATION TOXICITY : No data available
 ECOTOXICITY : No data available
 BIODEGRADABILITY : No data available
 BIOACCUMULATION POTENTIAL : No data available
 MOBILITY IN SOIL : No data available
 OTHER ADVERSE EFFECTS : Not listed in Montreal Protocol list.

13. DISPOSAL INFORMATION

Dispose in a hazardous-waste site in accordance with all applicable regulations. Any disposal practice must be in compliance with country, local, state, and federal laws and regulations (contact country, local or state environment agency for specific rules).

14. TRANSPORT INFORMATION

IATA
 UN NUMBER : 3439
 UN PROPER SHIPPING NAME : NITRILES, TOXIC, SOLID, N.O.S (TCEP)
 CLASS or DIVISION : 6.1
 PACKING GROUP : III
 ADR/RID : 3439, NITRILES, TOXIC, SOLID, N.O.S (TCEP).
 DOT : 3439, NITRILES, TOXIC, SOLID, N.O.S (TCEP)
 MARINE POLLUTANT : Not classified

15. REGULATORY INFORMATION

US REGULATIONS : Labeling according to EC Directives; See section 2
EU REGULATIONS : Labeling according to EC Directives; See section 2

16. OTHER INFORMATION**NOTICE:**

The information contained in the SDS description is applicable exclusively to the chemical substance identified herein and for its intended use as an analytical reference standard or reagent and to the unit quantity intended for that purpose. The information does not relate to, and may not be appropriate for, any application or larger quantity of the substance described. Our products are intended for the use by individuals possessing sufficient technical skill and qualification on use the material potential hazardous chemical. Accordingly, no representation or warranty, express or implied, with respect to merchantability and fitness for a particular purpose is made with respect to the information contained herein.

Attention:

This product in terms of chemical identity and the unit amount provide is intended for use in chemical analysis and not for human consumption, nor any other purpose.