

SAFETY DATA SHEET

SDS No.1001-0290

Date

October 28, 2020

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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : PEG-1000 0.1~40% Uniport B
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. : 1001-45350, 1001-45354, 1001-45355, 1001-, 1003-
SDS No. : 1001-0290
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 : Classification not possible
HAZARDS SYMBOL : - - -
SIGNAL WORD : - - -
HAZARD STATEMENTS : - - -
PRECAUTIONARY STATEMENTS : - - -
OTHER INFORMATIONS : May be harmful if inhaled and ingested.
May cause eye and skin irritation.
Dispose of contents/container in accordance with all applicable regulations.
MOST IMPORTANT HAZARDS : Eye irritation, skin irritation, digestive tract irritation, respiratory tract irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY : PEG-1000 0.1~40% Uniport B
SYNONYMS : - - -
CHEMICAL FORMULA : Mixture

CHEMICAL IDENTITY	CONTENT	CHEMICAL FORMULA	CAS RN	TSCA INVENTORY	EINECS No.
PEG-1000 (Polyethylene glycol)	0.1~40%	H(OCH ₂ CH ₂) _n OH	25322-68-3	Listed	Not established
Uniport B (Diatomaceous earth)	60~99.9%	SiO ₂	68855-54-9	Listed	272-489-0

4. FIRST AID MEASURES

GENERAL ADVICE : Wash off immediately with soap and plenty of water. In the case of respirable dust and/or fumes, use self-contained breathing apparatus and dust impervious protective suit. Use personal protective equipment.
INHALATION : Move victim to fresh air and gargle. 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. If irritation persists, consult a physician.
EYE CONTACT : Remove any contact lenses at once. 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 irritation persists, consult a physician.
INGESTION : Rinse mouth, give plenty of water to vomit. Never give anything by mouth to an unconscious person. Consult a physician.

5. FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA : This product is noncombustible.
FIRE & EXPLOSION HAZARDS : Toxic and irritating dust, fumes or smoke may be emitted.
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS : Fireman should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.
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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.
ENVIRONMENTAL PRECAUTIONS : Prevent spills from entering sewers, watercourses or low areas.
METHODS FOR CLEANING UP : Do not touch spilled material without suitable protection. After material is completely picked up, wash the spill site with soap and water and ventilate the area. Pull all wastes in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose contaminated clothing.
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7. HANDLING AND STORAGE

- HANDLING : Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Handle this product with appropriate protective equipments.
STORAGE : Store away from sunlight in well-ventilated dry place at room temperature.
Keep container tightly closed.
INCOMPATIBLE PRODUCTS : Strong oxidizers and strong acids
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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) ; Recommended
CONTROL PARAMETERS
ACGIH : Not established
OSHA PEL : Not established
NIOSH REL : Not established
PERSONAL PROTECTION
RESPIRATORY PROTECTION : Safety mask
HAND PROTECTION : Chemical resistant gloves
EYE PROTECTION : Safety glasses(goggles)
SKIN PROTECTION : Protective clothing
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9. PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE : White
PHYSICAL STATE : Solid(powder)
ODOR : Odorless
MELTING POINT / FREEZING POINT : No data available
BOILING POINT OR INITIAL BOILING POINT AND BOILING RANGE : No data available
FLAMMABILITY : Non Flammable
LOWER AND UPPER EXPLOSION LIMIT / FLAMMABILITY LIMIT : No data available
FLASH POINT : No data available
AUTO-IGNITION TEMPERATURE : No data available
DECOMPOSITION TEMPERATURE : No data available
pH : No data available
KINEMATIC VISCOSITY : No data available
SOLUBILITY IN
Water : Insoluble
Organic solvent : Insoluble
PARTITION COEFFICIENT
n-octanol/water (log value) : No data available

VAPOUR PRESSURE : No data available
 DENSITY AND/OR RELATIVE DENSITY : No data available
 RELATIVE VAPOUR DENSITY : Not applicable
 PARTICLE CHARACTERISTICS : 60/80 – 80/100 mesh

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 : Toxic hums (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/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

12. ECOLOGICAL INFORMATION

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

International Regulations

Maritime regulations : Conform to the provisions of IMO.
 UN No. : Not regulated
 Proper Shipping Name : -
 Class : -
 Packing Group : -
 Marine Pollutant : Not applicable
 Aviation regulations : Conform to the provisions of ICAO/IATA.
 UN No. : Not regulated
 Proper Shipping Name : -
 Class : -
 Packing Group : -

15. REGULATORY INFORMATION

For classification and labeling of chemicals in accordance with the applicable rules and regulations in the EU or each country, refer to GHS classification of this product (See Section 2).

US REGULATION : OSHA HCS 2012/29 CFR 1910.1200
 EU REGULATION : CLP Regulation ((EC) No. 1272/2008)

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.