

SAFETY DATA SHEET

SDS No.1010-0013

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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : InertCap 5
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. : 1010-18021, 1010-18022, 1010-18031~1010-18033, 1010-18122~1010-18124, 1010-18140, 1010-18142~1010-18146, 1010-18162~1010-18166, 1010-18172~1010-18174, 1010-18222,1010-18223,1010-18242~1010-18245, 1010-18259, 1010-18262~1010-18264, 1010-18425~1010-18429, 1010-18445~1010-18449, 1010-18459, 1010-18467, 1010-
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Research use only.

2. HAZARDS IDENTIFICATION

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

GHS CLASSIFICATION : Classification not possible
HAZARDS SYMBOL : ---
SIGNAL WORD : ---
HAZARD STATEMENTS : ---
PRECAUTIONARY STATEMENTS : ---
OTHER INFORMATION : Stable under recommended using condition.
Dropping or bumping may induce shreds and fragments and/or dusts by external shocks.
Dispose of contents/container in accordance with all applicable regulations.
MOST IMPORTANT HAZARDS : No data available

3. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE / MIXTURE : Mixture
COMMON CHEMICAL NAME : InertCap 5
SYNONYMS : ---

CHEMICAL IDENTITY	CONTENT	CHEMICAL FORMULA	CAS RN	TSCA INVENTORY	EINECS No.
Fused silica	-	SiO ₂	60676-86-0	Listed	262-373-8
Polyimide	-	-	-	-	-
5% Diphenyl 95% Dimethylpolysiloxane	-	-[(C ₆ H ₅) ₂ SiO] ₅ %- [Si(CH ₃) ₂ O] ₉₅ %-	Not established	Not Listed	Not established

4. FIRST AID MEASURES

GENERAL ADVICE : If fragments/respirable dust contacts with eyes or skin, 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. If irritation persists, consult a physician.
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.

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INGESTION : Rinse mouth, give plenty of water to vomit. Never give anything by mouth to an unconscious person. Consult a physician.

MOST IMPORTANT SYMPTOMS AND EFFECTS : Shreds and dusts may cause irritation of mucous membranes, respiratory tract, skin and eyes.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Carbon dioxide, dry chemical powder, foam, water spray

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.

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 : Waste the fragments/respirable dusts in accordance with all applicable regulations.

METHODS FOR CLEANING UP : Do not touch fragments/respirable dusts 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.

7. HANDLING AND STORAGE

HANDLING : Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Handle this product with appropriate protective equipment.

STORAGE : Store away from sunlight in well-ventilated dry place at room temperature. Keep the product in an original box after use it.

INCOMPATIBLE PRODUCTS : Strong oxidizers, strong bases, strong acids.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING MEASURES : Use exhaust ventilation to keep airborne concentrations below exposure limits. Use adequate ventilation.

VENTILATION : Local Exhaust ; Recommended, Mechanical(General) ; Recommended

PERSONAL PROTECTION

RESPIRATORY PROTECTION : Safety mask

HAND PROTECTION : Chemical resistant gloves

EYE PROTECTION : Safety glasses(goggles)

SKIN PROTECTION : Protective clothing

CONTROL PARAMETERS

ACGIH TLV-TWA : Not established

OSHA Final Limits : Not established

NIOSH REL : Not established

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE : Solid

COLOUR : Brown tube
(Polyimide; brown, Fused silica tube; colorless)

ODOR : Odorless

MELTING POINT / FREEZING POINT : No data available

BOILING POINT OR INITIAL BOILING POINT AND BOILING RANGE : No data available

FLAMMABILITY : No data available

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 : Not applicable

SOLUBILITY : 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 : Not applicable

10. STABILITY AND REACTIVITY

REACTIVITY : Stable under recommended using and storage conditions.

CHEMICAL STABILITY : Stable under recommended using and storage conditions.

CONDITION TO AVOID : Sunlight, heat, open flames, high temperatures, sparks, static electricity, other ignition sources, contact with incompatible materials.

INCOMPATIBLE MATERIALS : Strong oxidizers, acidic compounds.

HAZARDOUS DECOMPOSITION PRODUCTS

: CO, CO₂

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

12. ECOLOGICAL INFORMATION

ECOTOXICITY : No data available

BIODEGRADABILITY : No data available

BIOACCUMULATIVE 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

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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.