

SAFETY DATA SHEET

SDS No.1010-0016

Date

May 14, 2019

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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : InertCap 1701
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. : 1010-61031, 1010-61122, 1010-61124, 1010-61125, 1010-61142, 1010-61144, 1010-61145, 1010-61162, 1010-61164, 1010-61165, 1010-61222, 1010-61224, 1010-61225, 1010-61242, 1010-61244, 1010-61245, 1010-61262, 1010-61264, 1010-61265, 1010-61425, 1010-61445, 1010-
SDS No. : 1010-0016

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

CHEMICAL IDENTITY : InertCap 1701
SYNONYMS : - - -
CHEMICAL FORMULA : Combination of the chemical substances

INGREDIENT NAME	CONTENT	CHEMICAL FORMULA	CAS RN	TSCA INVENTORY	EINECS No.
Fused silica	-	SiO ₂	60676-86-0	Listed	262-373-8
Polyimide	-	-	-	-	-
Cyanopropylphenyl dimethylpolysiloxane	100 %	[-O-Si(C ₆ H ₅)(CH ₂) ₃ CN-] _m [-O-Si(CH ₃) ₂ -] _n	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.

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 : Carbon dioxide, dry chemical powder, foam, water spray
- FIRE & EXPLOSION HAZARDS : CO₂, CO are included in a flue gas. Use cylinder-type air respiratory apparatus at the fire extinguishing in the room.
- 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 : No special instruction.

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 : Inhalable dust TWA=10mg/m³, Respirable dust TWA=3mg/m³ (as PNOS)
- OSHA PEL : TWA 20mppcf (80 mg/m³/%SiO₂) (as amorphous silica)
- NIOSH REL : TWA=6mg/m³ (as amorphous silica)

9. PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE : Brown tube
(Polyimide; brown, Fused silica tube; colorless)
- PHYSICAL STATE : Solid
- 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 : Stable under recommended using and storage conditions.
CHEMICAL STABILITY : Stable under recommended using and storage conditions.
CONDITION TO AVOID : No data available
INCOMPATIBLE MATERIALS : No special instructions
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
SENSITIZATION : No data available
GERM CELL MUTAGENICITY : No data available
CARCINOGENICITY : This substance has no information on carcinogenicity either in humans or in experimental animals.
But the carcinogenicity classification result Group 3 in IARC for amorphous silica (IARC 68 (1997)) is judged to be applicable because this substance belongs to amorphous silica.
REPRODUCTIVE TOXICITY : No data available
SPECIFIC TARGET ORGAN TOXICITY
: No data available
ASPIRATION HAZARD : No data available

12. ECOLOGICAL INFORMATION

ECOTOXICITY : No data available
BIODEGRADABILITY : May not occur microbial degradation
BIOACCUMULATIVE POTENTIAL : No data available
MOBILITY IN SOIL : No data available
HAZARDOUS TO THE OZONE LAYER
: 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 : Not dangerous goods
ADR/RID : Not dangerous goods
DOT(Department of Transportation) : Not dangerous goods
MARINE POLLUTANT : Not classified

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.