

SAFETY DATA SHEET

SDS No.2702-0002

Date

August 7, 2015

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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Sample condensing tube for Sulfur compound
NAME OF MANUFACTURER : 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. : 2702-17112, 2702-17114, 2702-17421, 2702-17424, 2702-17461, 2702-17464
SDS No. : 2702-0002
Research use only.

2. HAZARDS IDENTIFICATION

This product is the condensing tube packed with β,β' -ODPN 25 % Uniport HP using for such as chromatography analysis, researches and developments.

We show some data about this packing material for the information supplement below.

GHS CLASSIFICATION : Eye damage/irritation : Category 2B
HAZARDS SYMBOL : - - -
SIGNAL WORD : Warning
HAZARD STATEMENTS :
H320 Cause eye irritation
PRECAUTIONARY STATEMENTS :
P264 Wash hands thoroughly after handling.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical attention.
OTHER INFORMATIONS : May be harmful if inhaled and ingested.
May cause upper respiratory, mucus membrane, eyes and skin irritation.
May cause damage to eyes and skin if prolonged exposure.
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 : Mixture

CHEMICAL IDENTITY	β,β' -ODPN (3,3'-oxydipropionitril)	Uniport HP (Diatomaceous earth)
CONTENT	25 %	75 %
CHEMICAL FORMULA	(CNCH ₂ CH ₂)O	SiO ₂
CAS No.	1656-48-0	68855-54-8
TSCA INVENTORY	Listed	Listed
EINECS No.	216-750-9	272-489-0
EC INDEX No.	Not established	Not established

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 : Water spray, dry chemical powder, alcohol-resistant foam, carbon dioxide
- 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 : In case of insufficient ventilation, wear suitable respiratory equipment. Avoid raising dust and avoid contact with skin and eyes.
- ENVIROMENTAL 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.

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. Store in cool place. Keep container tightly closed.
- INCOMOPATIBLE PRODUCTS : Strong oxidizers and 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 ; Necessary, Mechanical(General) ; Recommended
- CONTROL PARAMETERS :
 - OSHA PEL : Not established
 - NIOSH REL : Not established
 - ACGIH : Not established
- PERSONAL PROTECTION :
 - RESPRATORY PROTECTION : Safety mask
 - HAND PROTECTION : Chemical resistant gloves
 - EYE PROTECTION : Safety glasses(goggles)
 - SKIN PROTECTION : Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE : White
- SHAPE : Solid(flakes)
- ODOR : No data available
- 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
- SPACIFIC GRAVITY (DENSITY) : No data available
- SOLUBILITY IN : Insoluble in water, alcohol, acetone
- PARTITION COEFFICIENT ; n-octanol/water : No data available
- DECOMPOSITION TEMPERATURE : No data available

10. STABILITY AND REACTIVITY

REACTIVITY : Stable under recommended conditions.
CHEMICAL STABILITY : Stable under recommended conditions.
CONDITION TO AVOID : Sunlight, heat, moisture, CO₂, oxidizers, acids
INCOMPATIBLE MATERIALS : Strong oxidizers and strong acids
HAZARDOUS DECOMPOSITION PRODUCTS
: CO, CO₂, NO_x, Cyanide

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY : No data available
SKIN CORROSION/IRRITATION : No data available
EYE DAMAGE/EYE IRRITATION : β,β' -ODPN: rabbit, mild skin irritation
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
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 : 2811
UN PROPER SHIPPING NAME : TOXIC SOLID, ORGANIC, N.O.S. (β,β' -ODPN)
CLASS or DIVISION : 6.1
PACKING GROUP : III
ADR/RID : 2811, TOXIC SOLID, ORGANIC, N.O.S. (β,β' -ODPN), 6.1, III
DOT(Department of Transportation) : 2811, TOXIC SOLID, ORGANIC, N.O.S. (β,β' -ODPN), 6.1, III
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.