

# SAFETY DATA SHEET

SDS No.1001-45040

Date

May 29, 2018

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## 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Bentone 34 + DIDP (5+5)% Uniport HP 80/100 mesh  
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. : 1001-45040, 1003-  
SDS No. : 1001-45040

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 CLACCIFICATION : Toxic to reproduction : Category 2

HAZARDS SYMBOL :



SIGNAL WORD : Warning

HAZARD STATEMENTS :

H361 Suspected of damaging fertility or the unborn child.

PRECAUTIONARY STATEMENTS :

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves, protective clothing and eye protection/face protection.

P308+P313 IF exposed or concerned: Get medical attention.

P405 Store locked up.

P501 Dispose of contents/container in accordance with all applicable regulations.

OTHER HAZARDS : No special information

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY : Bentone 34 + DIDP (5+5)% Uniport HP

SYNONYMS : - - -

CHEMICAL FOMULA : Mixture

CHEMICAL IDENTITY	CONTENT	CHEMICAL FOMULA	CAS No.	TSCA INVENTORY	EINECS No.	EC INDEX No.
Bentone 34	5 %	---	68953-58-2	Listed	Not established	Not established
DIDP(Diisodecyl phthalate)	5%	C <sub>28</sub> H <sub>46</sub> O <sub>4</sub>	26761-40-0	Listed	Not established	Not Established
Uniport HP (Diatomaceous earth)	90%	SiO <sub>2</sub>	68855-54-8	Listed	272-489-0	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	: 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.

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 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 at room temperature. 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
PERSONAL PROTECTION	
RESPRATORY PROTECTION	: Safety mask
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
SPACIFIC GRAVITY (DENSITY)	: No data available
SOLUBILITY IN	
Water	: Insoluble
Organic solvent	: Insoluble
PARTITION COEFFICIENT ; n-octanol/water	: 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, CO<sub>2</sub>, oxidizers, acids  
 INCOMPATIBLE MATERIALS : Strong oxidizers and strong acids  
 HAZARDOUS DECOMPOSITION PRODUCTS : CO, CO<sub>2</sub>, 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 :  
 (DIDP) : rat - dose mixed in feed,  
 significantly viability loss at F2 generation (EU-RAR36,2003)  
 SPECIFIC TARGET ORGAN TOXICITY : No data available  
 ASPIRATION TOXICITY : No data available

12. ECOLOGICAL INFORMATION

ECOTOXICITY : No data available  
 BIODEGRADABILITY :  
 (DIDP) : Water-insolubility and no rapid degradation. (OECD 301C: BOD 54%(EU-RAR36,2003)).  
 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 : Not dangerous goods  
 ADR/RID : Not dangerous goods  
 DOT(Department of Transportation) : Not dangerous goods  
 MARINE POLLUTANT : Yes

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.