

# SAFETY DATA SHEET

SDS No. 1050-28001

Date

March 16, 2016

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## 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Standard water 1 for Purge & Trap GC/MS  
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. : 1050-28001  
SDS No. : 1050-28001  
Research use only.

## 2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION : Classification not possible  
HAZARDS SYMBOL : - - -  
SIGNAL WORD : - - -  
HAZARD STATEMENTS : - - -  
PRECAUTIONARY STATEMENTS : - - -  
OTHER INFORMATION : This product has a potentially fatal due to the Hyponatremia or spasm if ingested large quantity of water in a short period of time.  
MOST IMPORTANT HAZARDS : No data available

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY : Standard water  
SYNONIMS : Water  
CHEMICAL FORMULA : H<sub>2</sub>O  
CONTENT : 100 %  
MOLECULAR WEIGHT : 18.01  
CAS No. : 7732-18-5  
TSCA INVENTORY : Listed  
EINECS No. : 231-791-2  
EC INDEX No. : Not established

## 4. FIRST AID MEASURES

GENERAL ADVICE : If ingested large quantity of this product, consult a physician immediately.  
INHALATION : Move victim to fresh air. 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. If irritation persists, consult a physician.  
EYE CONTACT : If irritation persists, consult a physician.  
INGESTION : Rinse mouth. Induce vomiting if possible. If feeling unwell, consult a physician.

## 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Carbon dioxide, dry chemical powder, foam, water spray.  
FIRE & EXPLOSION HAZARDS : Toxic, irritating, fumes or smoke may be emitted.  
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS : Firemen 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.  
ENVIRONMENTAL PRECAUTIONS : Prevent spills from entering sewers, watercourses or low areas.  
METHODS FOR CLEAN UP : Do not touch spilled material without suitable protection. After material is completely picked up, wipe the spill site completely. Pull all wastes in a plastic bag for disposal and seal it tightly.

## 7. HANDLING AND STORAGE

HANDLING : Handle this product with suitable protection if necessary.  
STORAGE : Store away from sunlight in well-ventilated dry place.  
Keep container tightly closed.  
INCOMPATIBLE PRODUCTS : No data available

8. EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING MEASURES : Use under the general ventilation.  
 VENTILATION : Local Exhaust ; Recommended, Mechanical(General) ; Recommended  
 PERSONAL PROTECTION  
     RESPIRATORY PROTECTION : Safety mask(Use respirators approved under appropriate government standards and follow all regulations.)  
     HAND PROTECTION : Protective 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 : Colorless  
 SHAPE : Liquid  
 ODOR : Odorless  
 pH : 7.0  
 BOILING POINT : about 100 °C  
 MELTING POINT : about 0 °C  
 FLASH POINT : No data available  
 FLAMMABILITY : Not combustible  
 AUTOIGNITION TEMPERATURE : Not combustible  
 VAPOR PRESSURE : No data available  
 VAPOR DENSITY : No data available  
 DENSITY : 1.0  
 SOLUBILITY IN  
     Water : soluble  
     Organic solvent : soluble in hydrophilic organic solvent.  
 PARTITION COEFFICIENT: n-octanol/water : No data available  
 DECOMPOSITION TEMPERATURE : No data available

10. STABILITY AND REACTIVITY

REACTIVITY : Stable under recommended storage conditions.  
 CHEMICAL STABILITY : No data available  
 CONDITION TO AVOID : No data available  
 INCOMPATIBLE MATERIALS : No data available  
 HAZARDOUS DECOMPOSITION PRODUCTS : No data available

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY : This product has a potentially fatal due to the Hyponatremia or spasm if ingested large quantity of water in a short period of time.  
 SKIN CORROSION/IRRITATION : No data available  
 EYE DAMAGE/EYE IRRITATION : No data available  
 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.

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**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).

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**14. TRANSPORT INFORMATION**

IATA	: Not dangerous goods
ADR/RID	: Not dangerous goods
DOT	: Not dangerous goods
MARINE POLLUTANT	: Not classified

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**15. REGULATORY INFORMATION**

US REGULATIONS :	: Labeling according to US Directives; See section 2
EU REGULATIONS	: Labeling according to EC Directives; See section 2

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**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.