

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 : H₂O
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.

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	: Not dangerous goods
MARINE POLLUTANT	: Not classified

15. REGULATORY INFORMATION

US REGULATIONS :	: Labeling according to US 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.