



Samchun Chemicals

Material Safety Data Sheet

Water(=Pure water)

Section 1 – PRODUCT AND COMPANY IDENTIFICATION

1. Product Identifier	Water; Pure water
2. Recommended Use & Uses advised against	Uses for Laboratory and R&D, Industrial only
3. Information of Supplier	SAMCHUN PURE CHEMICAL CO.,LTD ADDRESS; (Mogok-dong) 117, Sandan-ro 16Beon-gil, Pyeongtaek-si, Gyeonggi-do, Korea Emergency Phone; 82-31-668-0700/3 Department; Safety & Environment dep. Web site; http://www.samchun.com

Section 2 – HAZARDS and DANGER IDENTIFICATION

- 1.GHS Classification· Identification** Non-described
2. Label and Mark including Precautionary Statement

◦**Label elements** Non-described

◦**Signal word** Non-described

◦**Hazard · Danger statement** Non-described

◦**Precautionary statement**

Precaution Non-described

Measures Non-described

Storage Non-described

Dispose Non-described

- 3. Other Hazard-Risk which are not included in the classification criteria**

NFPA index(0~4steps) : Health=0, Fire=0, Reaction=0

Section 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name	Other Name	CAS No.	Content (%)
Water	Pure water	7732-18-5	100

Section 4 – FIRST AID MEASURES

- 1. Eye Contact** N/A
2. Skin Contact N/A
3. Inhalation N/A
4. Ingestion N/A
**5. Immediate medical attention and
Notes for physician** N/A

Section 5 – FIRE-FIGHT MEASURES

- | | |
|--|--|
| 1. Suitable extinguish media | Use extinguishing agents appropriate for surrounding fire.
Inappropriate Extinguishing Media: Not available |
| 2. Special hazards arising from the substance | N/A |
| 3. Special protective equipment and Precautions for fire-fighters | N/A |

Section 6 – ACCIDENTIAL RELEASE MEASURES

- | | |
|--|--|
| 1. Personal precautions and Emergency procedures | N/A |
| 2. Environmental precautions | N/A |
| 3. Methods and material for containment and cleaning up | Soak up with sand, clay and other inert absorbent material |

Section 7 – HANDLING AND STORAGE

- | | |
|---|--|
| 1. Precautions for safe Handling | N/A |
| 2. Conditions for safe storage | Keep container tightly sealed and stored dry, cool place, in a well-ventilated area. Do not freeze. Away from incompatible materials |

Section 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

1. Occupational exposure limit, biological exposure limit

National law of Safety management of

N/A

- | | |
|--|---|
| 2. Appropriate Engineering controls | Based on available information, additional ventilation is not required. Ensure compliance with applicable exposure limits |
| 3. Personal protective equipment | |
| ◦Respiratory protection | Reserve for breathing pilhan certified by the Safety and Health Agency
Depending on the work environment affect the image density, or other life or health is concerned, wear supplied-air respirator, air respirator
There is no hazard due to chemicals under normal conditions, protection is not required |
| ◦Eye-protection | No hazards due to chemicals under normal conditions, protection is not required
Chemicals Provide eye wash facilities and emergency washing equipment near the handling areas |
| ◦Hand protection | There is no hazard due to chemicals under normal conditions, protection is not required |
| ◦Skin and body proticion | There is no hazard due to chemicals under normal conditions, protection is not required |

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

1. Physical state and color	Liquid(Colorless)	2. Odor	Odorless
3. threshold	N/A	4. pH	7
5. Melting/Freezing point	0°C	6. Boiling point/range	100°C
7. Flashing point	Non-flammable	8. Evaporation speed	N/A
9. Flammability(solid,gas)	Non-described	10. Flash or Explosion limit upper / lower	Non-described
11. Vapor pressure	17.5mmHg@20°C	12. Solubility	100%
13. Vapor density	N/A	14. Gravity	1.00
15. n-octanol-water Partition coefficient	-1.38	16. Self ignition temp(°C)	Non-described
17. Cracking temp(°C)	N/A	18. Viscosity	N/A
19. Molecular Weight	18.02		

Section 10 – STABILITY AND REACTIVITY

1. Chemical stability and Possibility of Hazardous Stable at normal pressure

Reactions

2. Conditions to Avoid N/A

3. Incompatible Materials N/A

4. Hazardous N/A

Decomposition Products

Section 11 – TOXICOLOGICAL INFORMATION

1. Information on the likely routes of exposure.

N/A

2. Health hazard information

◦ **Acute toxic**

Oral : LD50 90000mg/kg

Skin : Non-described

Inhalation : Non-described

◦ **Serious skin corrosive / irritation**

Non-irritant

◦ **Serious eye damage / irritation**

Non-irritant

◦ **Respiratory sensitization**

N/A

◦ **Skin sensitization**

N/A

◦ **Carcinogenicity**

Industrial Safety and Health Law: N/A

Ministry of Employment and Labor Notice: N/A

IARC: Not available.

OSHA: Not available

ACGIH: No data available

NTP: Not available

EU CLP: Not available

◦ **Germ cell Mutagenicity**

N/A

◦ **Reproductive toxic**

N/A

◦ **Specific target organ toxicity (single exposure)**

N/A

◦ **Specific target organ toxicity (repeated exposure)**

N/A

◦ **Aspiration hazard**

N/A

Section 12 – ECOLOGICAL INFORMATION

1. Aquatic and Terrestrial eco toxicity

Fish toxicity : N/A

Invertebrate toxicity : N/A

Sea algae : N/A

2. Persistence and degradability

Persistence : log Kow -1.38

Degradability : N/A

3. Bioaccumulative potential

Concentrations : N/A

Bioaccumulative : N/A

4. Mobility in soil

N/A

5. Other adverse effects

N/A

Section 13 – Disposable considerations

1. Waste methods

Dispose in accordance with local regulations.

2. Waste warning

Isolate waste away from prohibitive mixture substance.

Section 14 – TRANSPORT INFORMATION

1. UN No.	Non-described
2. Proper shipping Name	Non-described
3. Hazard class	Non-described
4. Packing group	Non-described
5. Marine pollutant	N/A
6. Particular safety Measures for transportation	Non-described

Section 15 – REGULATORY INFORMATION

1. Occupation safety and health acts	Non-described
2. Chemical Substances Control Act	Non-described
3. National law of Safety management of hazardous material	Non-described
4. National law of management of Wastes	Designated Waste
5. Other domestic and foreign law	Non-described

Section 16 – OTHER INFORMATION

1. Material source	A chemical information MSDS Safety and Health Agency National Institute of Environmental Research Chemical Information Systems Korea Industrial Technology National Fire Hazardous Materials Information System
1. The 1 st edition	2002.07.30
2. Revision and The final revision	7 / 2019.01.03
. Other references	

* The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.