


Safety Data Sheet

1. PRODUCT AND MANUFACTURER INFORMATION

- A. Product Name DiaEtch
- B. Recommended use of the product and restrictions on its use
- Recommend use of the product Dental Etching agent
 - Restrictions on use of the product **For Dental Professional Use Only**
- C. Supplier Information
(For imported goods, enter the information of the domestic supplier that can be contacted urgently)
- Name of Company DiaDent Group International
 - Address 16, Osongsaengmyeong 4-ro, Osong-Eup, Heungdeok-Gu,
Cheongju-Si, Chungcheongbuk-Do,
Republic of Korea
 - Emergency contact number 82-43-266-2315
- D. Importer Information
- Name of Company **DiaDent Group International Inc.**
 - Address **#380 - 8210 Ross Street
Vancouver, BC, Canada, V5X 0L1**
 - Emergency contact number **1-604-451-8851**
 - Email **Diadent@diadent.com**

2. HAZARDS IDENTIFICATION

- A. Type of Hazard·Danger The material is contraindicated if a person is known to be allergic to any of the ingredients of the product.
- B. Warning sign items including preventive action statements
- Pictorial symbol 
 - Signal words Danger(GHS05, GHS07)
 - Hazard Statement H315: Causes skin irritation

2. HAZARDS IDENTIFICATION

H320: Causes eye irritation

H332: Harmful if inhaled

H371: May cause damage to organs

3. COMPOSITION/INFORMATION ON INGREDIENT

Names of ingredients	Synonym	CAS No.	Content (%)
Water		7732-18-5	50.6
Phosphoric acid		7664-38-2	43.5
Additive		11138-66-2	5.9

4. FIRST AID MEASURES

- | | |
|------------------------------|---|
| A. When entered into eyes | Seek medical attention.

In case of contact with substance, immediately wash skin and eyes with running water for more than 20 minutes. |
| B. When contacted with skin | Wash the skin with soap and water. |
| C. When inhaled | Move to a place with fresh air. If you are not feeling well, consult a doctor. |
| D. When consumed | It does not occur in proper use. |
| E. Other medical precautions | Have medical personnel perceive the material and take protective measures. |

5. FIRE FIGHTING MEASURES

- | | |
|--|-----------------------------|
| A. a suitable (improper) extinguishing agent | Water fog, Dry powder, foam |
| B. specific hazards arising from chemicals | Does not occur |

6. ACIDENTAL RELEASE MEASURES

Use an absorbent material to wipe clean.

7. HANDLING AND STORAGE

Safe handling and storage	Use for only professional personnel.
	Use sanitary gloves and tools at the place of treatment.
	Do not consume or inhale the product.
	Store at 2~27°C/35~80 °F
	Avoid direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

A. Appropriate engineering management	Use local exhaust or do other engineering management to control the air level below the exposure standard.
B. Personal protective equipment	safety goggles and gloves

9. PHYSICAL/CHEMICAL PROPERTIES

A. External	
- Composition	Viscous
- Color	Blue
B. Odor	Ordorless
C. Odor Threshold	No data
D. pH	No data
E. Melting point / Freezing point	No data
F. Initial boiling point and boiling point range	No data
G. Flash point	No data
H. Evaporation rate	No data
I. Flammability (solid, gas)	No data
J. Upper / lower limit of ignition or explosion	No data
K. Vapor pressure	No data
L. Solubility	No data
M. Vapor density	No data

9. PHYSICAL/CHEMICAL PROPERTIES

N. Specific gravity	1.2
O. n-octanol / water partition coefficient	No data
P. Natural ignition temperature	No data
Q. Decomposition temperature	No data
R. Viscosity	No data
S. Molecular Weight	No data

10. STABILITY AND REACTIVITY

A. Chemical Stability and Possibility of Hazardous Reaction	Not applicable
B. Conditions to avoid	Avoid direct light or water exposure. If exposed to light, yellowing may occur.

11. TOXICOLOGICAL INFORMATION

A. Cytotoxicity	No significant clinical signs was observed(MTT)
B. Maximization Sensitization	No significant clinical signs was observed(LLNA)
C. Oral Mucosa Irritation Test	No significant clinical signs was observed(Hamster)

12. ECOLOGICAL INFORMATION

No ecological problems to be anticipated if properly handled and used.

13. DISPOSAL CONSIDERATION

A. Disposal methods	Dispose of contents and containers in accordance with the regulations, if specified in the Waste Management Act. Discard the container (as specified in the applicable regulations).
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14. TRANSPORT INFORMATION

A. UN No.	
DOT, ADR, IMDG, IATA	UN1805

14. TRANSPORT INFORMATION

- B. Proper shipment name
DOT, ADR, IMDG, IATA Phosphoric acid solution
- C. Risk level in transportation
DOT, ADR, IMDG, IATA Class 8_Corrosive substances
- D. Container level
DOT, ADR, IMDG, IATA III_Minor Danger
- E. Marine pollutants
Not applicable.
- F. Special safety measures required or required by the user to know regarding transport or means of transport
Acid material

15. REGULATORY INFORMATION

- The product is a medical device according to the **Medical Device Regulation (MDR) (EU 2017/745)**
- This product is classified as a medical device under KFDA, FDA. **Health Canada**
- This product does not require classification as Dangerous Goods.

16. OTHER INFORMATION

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.

- A. Date of initial preparation Jan. 20, 2019
- B. Number of revisions and date of final revision
- Number of revisions 08
 - Date of final revision Nov. 20, 2025
- C. Others Not applicable.

○ **The information and recommendations are taken from sources (raw material SDS(s) and manufacturer's knowledge) believed to be accurate and reliable. It is intended to describe the product according to various safety requirements; however, the manufacturer makes no warranty with respect to the accuracy and completeness of the information or the suitability of the recommendation and assumes no liability to any user thereof.**