

Material Safety Data Sheet

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Division: Dental Consumables
Trade Name: Hydra Pearl 6% hydrogen peroxide whitening gel
ID Number: PD-R-953-001
Issued: 5-19-16

1. Ingredient

Chemical Name	C.A.S No.	Percent
Aqua	7732-18-5	35~46
Glycerin	56-81-5	30~40
Hydrogen peroxide	7722-84-1	5~7
Citric acid	77-92-9	2~5
Potassium nitrate	7757-79-1	0.5~1.5
Sodium fluoride	7681-49-4	0.1~1
Flavor	-	0.05~0.5

2. Physical Properties

Specific physical form	Gel
Odor	Flavor dependent
Color	Clear or slightly cloudy
Boiling point	N/D
Specific gravity	3.0
Viscosity	Approximately 20000 centipoises
Solubility in water	Partially soluble

3. Fire and Explosion Hazard Data

Flash point	N/D
Flammable limits - LEL	N/A
Flammable Limits - UEL	N/D
Extinguishing Media	Water spray, carbon dioxide, foam

No special firefighting procedures
No unusual fire or explosion hazards are anticipated
NFPA Hazard Codes: Health: 1 Fire: 1 Reactivity: 0

4. Reactivity Data

Stability	Stable
Conditions to Avoid	Heat, strong light
Incompatibility (Materials to avoid)	Strong acid, strong base, oxidizing agent
Polymerization	Not applicable
Hazardous Decomposition products	N/A

5. Environmental Information

Spill Response:
Wipe up small amounts with chemical resistant or damp rag which is washed with large amounts of water after each use. After cleaning, flush away traces with water.

Recommended Disposal:
Dispose in accordance with national and local regulations.

Environmental Data:
N/A

Regulatory Information:
Safety, health and environmental regulations/legislation specific for the substance or mixture RoHS: Please refer to regulation 1223/200 on Cosmetics.
Regulations may vary; consult applicable regulation or authorities before disposal. In the event of an uncontrolled release, the user should determine if the quantity released qualifies as reportable.

6. Suggested First Aid

Eye contact:
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin contact:
After contact with skin, wash immediately with plenty of water.

Ingestion:
Drink lots of water. Do not induce vomiting. Consult a physician if ingested in large amounts.

Inhalation:
Move to fresh air. If not breathing, give artificial respiration or oxygen by trained personnel. Seek immediate medical attention.

7. Precautionary Information

Eye protection:
Avoid eye contact with vapor, spray, or mist. Safety glasses with side shields are recommended.

Skin protection:
Avoid skin contact. Wear nitrile gloves when handling this material. A no-touch technique is recommended. If skin contact occurs, wash with soap and water.

Ventilation Protection:
Do not use in a confined area or areas with limited air circulation. Use in a well-ventilated area.

Respiratory Protection:
Avoid prolonged breathing of vapors. N/A

Prevention of Accidental Ingestion:
Do not eat, drink, or smoke when utilizing this product. Wash exposed areas thoroughly with soap and water. Wash hands between handling and eating. Do not ingest.

Recommended Storage:
Store in a cool place, away from acids, heat, and light.

Fire and Explosion Avoidance:
Keep syringe tightly closed.

8. Health Hazard Data

Eye Contact:
Mild eye irritation: signs/symptoms can include redness, swelling, pain, and tearing.

Skin Contact:
Allergic skin reaction: signs/symptoms can include redness, swelling, blistering, and itching.
Mild skin irritation: signs/symptoms can include redness, swelling, whiteness, and itching.

Inhalation:
No adverse health effects are expected from inhalation exposure.

Ingestion:
Swallowing a relatively large amount of this material is unlikely to produce serious illness or death.

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