

## DENTSPLY Maillefer U.S.A.

1. Product and Company Identification	
Product Name Glyde File Prep®	MSDS Code Number N/A
Trade Name & Synonyms Root Canal Conditioner	Date of Last Revision 10-09-08
Chemical Name No name assigned to mixture	Manufacturer DENTSPLY DeTrey GmbH
C.A.S. Number 124-43-6	Address De-Trey-Str. 1, D-78467, Konstanz, Germany
Grades or Minor Variant Identities None	Information Telephone Number 1-800-924-7393
Product Use (for Canada) Root Canal Conditioner for dental use.	Emergency Telephone Number 1-800-924-7393

2. Composition of Ingredients			
Hazardous Components	C.A.S. Number	Exposure Limits	%
Hydrogen Peroxide-Urea	124-43-6	C,O; R 8-34	2.5-10 percent
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

3. Hazard Identification					
Emergency Overview Avoid contact with eyes. Material may be skin irritant.					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
Eye	Can cause eye irritation.	Single	Mild	N/A	N/A
Skin	Material may be a skin irritant.	Single	Mild	N/A	N/A
Inhalation	N/A	N/A	N/A	N/A	N/A
Ingestion	N/A	N/A	N/A	N/A	N/A
Other N/A	N/A	N/A	N/A	N/A	N/A
Medical Conditions Aggravated by Exposure N/A					
Carcinogenicity (IARC, NTP) N/A					
Potential Environmental Effects Do not allow product to reach sewage system or any water course. Water hazard class 1 (German Regulation) (Self assessment): slightly hazardous for water.					

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4. First Aid Measures			
Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Rinse opened eye for several minutes under running water	Get immediate medical attention even if no symptoms develop.	N/A
Skin	Immediately wash with water and soap and rinse thoroughly	Get immediate medical attention.	N/A
Inhalation	Supply fresh air; consult doctor in case of complaints	Get immediate medical attention	N/A
Ingestion	Induce vomiting, if person is conscious. Seek medical assistance.	Get immediate medical attention.	N/A
Other	N/A	N/A	N/A
Note to Physicians (Treatment, Testing, and Monitoring)			
None			

5. Fire and Explosion Data			
Flashpoint Method: Not applicable	Flammable (Explosive) Limits in Air LEL N.A      UEL N.A.	Auto ignition Temperature N.A.	Other N.A
Flame Propagation or Burning Rate (for solids) N.A.	Properties Contributing to Fire Intensity N.A.	Flammability Classification N.A,	
Extinguishing Media N/A		Extinguishing Media to Avoid N/A	
Protection and Procedures for Firefighters Suitable extinguishing agents- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Wear self-contained respiratory protective device.			
Unusual Fire and Explosion Hazards N/A			

6. Accidental Release Measures	
Containment Techniques Pick up mechanically. Must not be disposed together with household garbage. Do not allow product to reach sewage system or any water course. Disposal must be made according to federal regulations.	
Spill/Leak Clean-Up Procedures and Equipment Pick up mechanically. Must not be disposed together with household garbage. Do not allow product to reach sewage system or any water course. Disposal must be made according to federal regulations.	
Evacuation Procedures N/A	
Special Instructions N/A	
Reporting Requirements N/A	

## **7. Handling and Storage**

### Handling Practices and Warnings

Product is intended for dental use only. No special measures required.

Observe normal care for working with chemicals.

### Storage Practices and Warnings

Store only in the original receptacle. Protect from heat and direct sunlight.

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8. Exposure Control/Personal Protection		
Ventilation None required during normal intended use of this product.		Other Engineering Controls
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Safety glasses.	N/A
Skin	Glove material must be impermeable and resistant to product. Due to missing tests no recommendation to the glove material can be given for the product.	N/A
Inhalation	Not required.	N/A
General Hygiene Considerations and Work Practices Observe normal care when working with chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.		
Protective Measures During Repair and Maintenance of Contaminated Equipment N/A		
Other Protective Measures and Equipment N/A		

9. Physical and Chemical Characteristics		
Appearance Paste		Odor Weak, characteristic
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas  <input checked="" type="checkbox"/> Solid <input type="checkbox"/> _____ (Other)		Boiling Point    undetermined Melting Point    undetermined Freezing Point    undetermined
Specific Gravity or Density (H <sub>2</sub> O=1) Not determined	Solubility in Water Soluble	pH N/A
Vapor Pressure (mm Hg.) N/A	Vapor Density (AIR= 1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A
Other N/A		

10. Stability and Reactivity Data	
Incompatibility (Materials to Avoid) No dangerous reactions known.	
Hazardous Products Produced During Decomposition No decomposition if used according to specifications.	
Hazardous Polymerization? N/A	Conditions to Avoid N/A
Stability? Stable	Conditions to Avoid N/A

11. Toxicological Information
Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data Product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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**12. Ecological Information**

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements

Water hazard class 1 (German regulation) (Self assessment): slightly hazardous for water.

**13. Disposal Considerations**

Regulations

Disposal must be made according to official regulations.

Properties (Physical/Chemical) Affecting Disposal

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**14. Transport Information**

Regulated for shipping?

N/A

Proper Shipping Name

N/A

Packing Group

N/A

Do changes in quantity, packaging, or shipment method change product classification?

N/A

Hazard Class

N/A

Identification Number

N/A

Other

N/A

**15. Regulatory Information**

Federal Regulations

N/A

International Regulations

Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV)

Other

Technical instructions (air): Class- III, Share in percent- 9.0.

**16. Other Information****Relevant R-phrases: 34 Causes Burns 8 Contact with combustible material may cause fire.****Department issuing MSDS: Analytical Research****Contact: Hotline for urgent technical support: +49-7531-583-333.**

GFPMFUSMSDS 10/08