

**DENTSPLY Tulsa Dental Specialties
Safety Data Sheet**

571901

1. Identification

Product Name QMix[®] 2in1	SDS Code Number 571901
Substance Identity QMix[®] 2in1 Irrigating Solution	Date of Last Revision 9/16/16
Manufacturer: Manufactured for DENTSPLY Tulsa Dental Specialties	Address 5100 E. Skelly Drive Suite 300 Tulsa OK 74135-6546 http://www.tulsadentalspecialties.com
Grades or Minor Variant Identities Not Applicable	Product Information Telephone Number 1-800-662-1202
Product Use (for Canada) Endodontic Irrigation Material	Emergency Telephone Number 1-631-419-1700

2. Hazard(s) Identification



**Causes eye irritation
Causes skin irritation**

Wear eye protection / face protection.
Wash hands thoroughly after handling.
Wear protective gloves.

3. Composition/Information on Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
Ethylenediaminetetracetic acid disodium dihydrate	6381-92-6	Not Established	Less than 15

Other ingredient information: Contains Chlorhexidine gluconate.

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally.	Get medical attention immediately.	Not Applicable
Skin	Immediately flush skin with plenty of cool soapy water for at least 15 minutes.	Get medical attention.	Not Applicable
Inhalation	Remove patient to fresh air.	If not breathing, give artificial respiration. If breathing is difficult, administer oxygen.	Not Applicable
Ingestion	If ingestion occurs, flush mouth with water and seek medical attention immediately.	If person is conscious, induce vomiting.	Not Applicable
Other	Not Applicable	Not Applicable	Not Applicable

Note to Physicians (Treating, Testing and Monitoring): Treat symptomatically.

5. Fire Fighting Measures

Flame Propagation or Burning Rate (for Solids): Not Applicable	Properties Contributing to Fire Intensity: Not Applicable	Flammability Classification: Not Applicable	Other: Not Applicable
Extinguishing Media: Not Applicable.		Extinguishing Media to Avoid: Not Applicable.	
Protection and Procedures for Firefighters: Firefighters should wear self-contained respiratory protective devices.			
Unusual Fire and Explosion Hazards: Formation of toxic, irritating gases is possible from the decomposition of the ingredients. Product does not present an explosion hazard.			

6. Accidental Release Measures

Containment Techniques: For large spills dike area, spread absorbent material such as vermiculite or diatomaceous earth.		
Spill/Leak Clean-up Procedures and Equipment: Wear protective clothing and scoop up bulk material and place in a labeled plastic or metal container. Avoid gross skin contact to minimize the possibility of contact dermatitis to susceptible persons. Ensure adequate ventilation.		
Evacuation Procedures: Not Applicable	Special Instructions: Not Applicable	Reporting Requirements: Not Applicable

7. Handling and Storage

Handling Practices and Warnings: Product is intended for dental use only. Handling of this product should be by trained dental healthcare professionals only. Observe normal care for working with chemicals.

Storage Practices and Warnings: Store only in the original package. Keep package tightly sealed. Store in a dry area. Store away from food and beverages.

8. Exposure Control / Personal Protection



Occupational Exposure Limits: Not Applicable		
Engineering Controls: Not Applicable		
Individual Protection Measures	Personal Protective Equipment for Normal Use	Personal Protective Equipment for Emergencies
Eye/Face	Safety Glasses	Not Applicable
Skin	The glove material has to be impermeable and resistant to the product.	Not Applicable
Inhalation	Not Required	Not Applicable
Body Protection	Protective work clothing	Not Applicable

9. Physical and Chemical Characteristics

Appearance: Clear, water white liquid.		Odor: No odor.
Normal Physical State: Liquid		Melting Point: Not Applicable
Specific Gravity: 1.0 g/cm ³	Solubility in Water: Soluble	pH: 8
Vapor Pressure (mm Hg): Not Applicable	Vapor Density (AIR=1): Not Applicable	Evaporation Rate (Butyl Acetate =1): Not Applicable
Flashpoint Method: Not Applicable	Flammable (Explosive) Limits in Air LEL: Not Applicable UEL: Not Applicable	Autoignition Temperature: Not Applicable, Product will not autoignite.
Other: Not Applicable		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid): Strong oxidizing agents.		
Hazardous Products Produced During Decomposition: No dangerous decomposition products known if used according to DFU (Directions for Use).		
Hazardous Polymerization: <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	Conditions to Avoid: None known	
Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid: None known	

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data: Product may irritate the skin and mucous membranes. On the eye the product has an irritating effect.					
Emergency Overview: Material may cause eye and skin irritation.					
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	Eye contact may cause severe eye irritation and abrasion.	Single	Moderate	Irritation and possible corneal damage	Not Applicable
Skin	May cause skin irritation	Single & Repeated	Mild	Reddening of skin	Not Applicable
Inhalation	Direct inhalation may cause irritation to respiratory tract and mucous membranes. Symptoms may include coughing, shortness of breath.	Repeated	Moderate	Not Applicable	Not Applicable
Ingestion	Ingestion may cause nausea, vomiting, diarrhea and difficulty in swallowing.	Single	Mild	Not Applicable	Not Applicable
Other	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Medical Conditions Aggravated by Exposure Open sores and wounds of the skin. Individuals with known sensitivity to Chlorhexidine gluconate and EDTA (Ethylenediaminetetraacetic acid disodium dihydrate).					
Carcinogenicity NTP?: Not listed IARC monographs?: Not listed OSHA regulated?: No All components of this product are in compliance with the inventory listing Requirements of the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.					
Potential Environmental Effects Do not allow to enter sewers/ surface or ground water.					
NFPA Hazard Classification Ratings (Scale 0-4), Health = 1, Fire = 0, Reactivity = 0					

12. Ecological Information

Toxicity Data, Environmental Fate, Physical/Chemical Data, or other Data Supporting Environmental Hazard Statements: Water Hazard class1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water streams or sewage system.

13. Disposal Considerations

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

Dispose of material as solid waste in a closed container. Dispose of in accordance with Federal, State and Local regulations

Properties (Physical/Chemical) Affecting Disposal: Dispose of material as solid waste in a closed container.

14. Transport Information

Regulated for Shipping: No. Not Regulated	DOT Shipping Name: Not Regulated	Packing Group: Not Applicable
Do Changes in Quantities, packaging, or shipment method change product classification? No	DOT Hazard Class: Not Applicable	UN Number: Not Applicable

15. Regulatory Information

This product has been classified in accordance with the hazard criteria of the Globally Harmonized System of Classification and Labeling of Chemicals and the SDS contains all of the information required by the Canadian Controlled Products Regulations.

U.S. Federal Regulations: CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations

Section 313 Toxic Chemicals: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

U.S. State Regulations California Proposition 65: This product does not contain any chemicals, which are on the California Proposition 65 list.

International Regulations: Canadian Environmental Protection Act:

This product is a medical device and not subject to chemical notification requirements.

European Community Labeling: Not a dangerous preparation.

European Inventory of New and Existing Chemicals Substances (EINECS):

This product is a medical device and not subject to chemical notification requirements.

Other: Not Applicable

16. Other Information

To the best of our knowledge this product does not contain gluten, wheat grains, flaxseed, natural rubber, or natural latex.

All components are synthetically produced; none are derived from animal products.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific products features and shall not establish a legally valid contractual relationship.

The attached safety data sheet covers the dangers and measures to be taken when large quantities of material are released, for example due to accidents during transport or storage by the dealer. For quantities of material typically used in clinical practice, information necessary for safe use and storage of the product is given in the DFU. The information contained herein is accurate to the best of our knowledge.

DENTSPLY Tulsa Dental Specialties makes no warranty of any kind, express or implied, concerning the safe use of this material.