



# SAFETY DATA SHEET

according to Regulation (EC) No.

Dental Use  
Date Issued : 04/2016  
SDS No : M20-22  
Date Revised :01/2017  
Revision No : 01

## Morva-Sept Gel®

### SECTION 1: Identification of The Substance/Preparation and of The Company/Undertaking

#### 1.1 Product Identifier:

Product code:

M20-22

Trade Name (as labeled):

Morva-Sept Gel®

Product Description:

2% Chlorhexidine Gluconate Gel

#### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Relevant Identified Uses:

For Professional Dental Use

#### 1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer/Supplier Name:

MORVABON Trading & Manufacturing Co.

Manufacturer/Supplier Address:

No. 135, Seraj Bldg., Pardis Technology Park, 20<sup>th</sup> km  
Damavand Road, Tehran, IRAN

Manufacturer/Supplier Telephone Number:

+98(21)76251702

Manufacturer/Supplier Zip code:

1657163871

Email address:

[Dent.pro@morvabon.com](mailto:Dent.pro@morvabon.com)

#### 1.5 Distributer Name:

MORVABON Trending Co.

Distributor Address:

No. 154, 7 Floor, Block C, Borjsaz Tower, Azadi Ave.,  
Tehran, IRAN

Distributor Telephone Number:

+98(21)66581438

Distributor Zip code:

1313655666

Email address:

[info@morvabon.com](mailto:info@morvabon.com)

#### 1.4 Emergency Telephone Number:

Transportation Emergency Contact Number:

+98(21)76251704

### SECTION 2: Hazards Identification

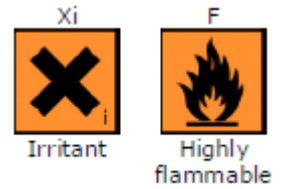
#### 2.1 Classification of the Substance or Mixture:

Classification according to Directive 1999/45/EC	The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.
Danger symbols	Xi,F
R phrases	R11,R36/38
Classification according to Regulation(EC) No 1272/2008 [CLP] Health	Eye Damage, Category 1
Environmental	Flammable Liquids, Category 2 Acute Hazards to the Aquatic Environment, Category 1

## 2.2 Label Elements:

Classification according to Directive 1999/45/EC

Hazard pictogram(s):



R& statement(s): R11: Highly flammable

R36/38: Irritating to eyes and skin.

Classification according to Regulation(EC) No 1272/2008 [CLP]

Hazard pictogram(s):



Signal Word: DANGER

Restricted to use by dental professional only.

<b>Hazard statement(s)</b>	H225: Highly flammable liquid and vapour. H400: Very toxic to aquatic life. H319: Causes serious eye irritation.
<b>Precautionary statement(s) Prevention</b>	P280: Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	P305: IF IN EYES: P351: Rinse cautiously with water for several minutes. P315: Get immediate medical advice/attention. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P301: IF SWALLOWED: P331: Do NOT induce vomiting.
<b>Storage</b>	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
<b>Disposal</b>	P501: Dispose of in compliance with governmental regulation. (EC1975L0442-20/11/2003)

## 2.3 Other Hazards:

<b>Immediate concerns</b>	Flammable
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## SECTION 3: Composition / Information On Ingredients

### 3.1 Substances:

<b>Substances</b>	Not Applicable
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### 3.2 Mixture:

Components	C.A.S. #	EINECS #	WT %	Classification according to Directive 67/548/EEC	Classification according to Regulation(EC) No 1272/2008 [CLP]
Chlorhexidine Gluconate	18472-51-0	242-354-0	< 5	Xi; R36/38	EYE DMG.,Cat. 1; Aquatic Tox.,Acute, Cat. 1; H318; H400

For full text of H-statements and R-phrases: see SECTION 16.

## SECTION 4: First Aid Measure

### 4.1 Description of First Aid Measures:

<b>Eye</b>	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
<b>Skin</b>	Wash with soap and water.
<b>Ingestion</b>	Give large volumes of water. Do not induce vomiting. Consult a physician if ingested in large amounts.
<b>inhalation</b>	No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed:

<b>Eye</b>	Causes severe eye damage.
<b>Skin</b>	May cause skin irritation.
<b>Ingestion</b>	May be harmful if swallowed in large quantities.
<b>inhalation</b>	None expected for this product

### 4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed:

<b>Notes to physician</b>	Irritating to eyes.
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## SECTION 5: Fire-Fighting Measures

### 5.1 Extinguishing Media:

<b>Extinguishing Media</b>	Please see Fire Fighting Equipment under Section 5.3.
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### 5.2 Special Hazards Arising from the Substance or Mixture:

<b>Hazardous combustion products</b>	Ammonia, hydrogen chloride, oxides of carbon and nitrogen
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### 5.3 Advice for Fire-Fighters:

<b>Fire-fighting procedures</b>	General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.
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### 5.4 Special protective equipment for fire-fighters

<b>Special protective equipment for fire-fighters</b>	Foam, dry chemical, carbon dioxide (CO <sub>2</sub> ).
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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

<b>General procedures</b>	Refer to Section 8 for Personal Protective Equipment.
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### 6.2 Environmental Precautions:

<b>Water spill</b>	Do not allow to enter sewers or drains that may lead to waterways.
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### 6.3 Methods and Material for Containment and Cleaning up:

<b>Small Spill</b>	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.
<b>Large Spill</b>	Absorb with inert, damp non-combustible material, then flush area with water.

### 6.4 Reference to Other Sections:

<b>Reference to Other Sections</b>	Not Applicable
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## SECTION 7: Handling and Storage

### 7.1. Precautions for safe handling:

<b>Handling</b>	Use suitable protective equipment
<b>Storage</b>	See product labeling. Store in dry and well-ventilated area, at room temperature (bellow 25oC).

### 7.2. Conditions for safe storage, including any incompatibilities:

<b>Shelf Life</b>	See product labeling.
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### 7.3 Specific End Use (s):

<b>Specific End Use (s)</b>	Professional Dental Antibacterial Solution
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## SECTION 8: Exposure Controls / Personal Protection

### 8.1. Control parameters

<b>Control parameters</b>	Not Determined
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### 8.2 Exposure Controls:

<b>Eye/ Face protection</b>	Wear eye protection
<b>Skin protection</b>	Wash thoroughly after handling.
<b>Respiratory protection</b>	Good general ventilation should be sufficient to control airborne levels.

### 8.3 Environmental exposure controls

<b>Environmental exposure controls</b>	Avoid release into environment.
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## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties:

<b>Physical state</b>	High Viscosity Gel
<b>Appearance</b>	High Viscosity Gel
<b>Color</b>	Green
<b>Odor</b>	Mint
<b>Solubility in Water</b>	Very Good
<b>Boiling point</b>	Not applicable

### 9.2 Other Information:

<b>Percent volatile</b>	Not Determined
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## SECTION 10: Stability and Reactivity

### 10.1. Reactivity:

<b>Reactivity</b>	Stable
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### 10.2 Chemical Stability:

<b>Chemical Stability</b>	Stable when stored and handled under recommended conditions.
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### 10.3. Possibility of hazardous reactions:

<b>Hazardous polymerization</b>	None
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### 10.4 Conditions to Avoid:

<b>Conditions to Avoid</b>	Heat, flames, ignition sources, direct light.
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### 10.5. Incompatible materials:

<b>Incompatible materials</b>	Strong acids, metals
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### 10.6. Hazardous decomposition products:

<b>Hazardous decomposition products</b>	Ammonia, hydrogen chloride, oxides of carbon and nitrogen.
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## SECTION 11: Toxicological Information

### 11.1 Information on Toxicological Effects:

<b>Acute Notes</b>	Device is biocompatible when used as directed by dental professionals per ISO 10993-1.
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## SECTION 12: Ecological Information

### 12.1. Toxicity:

<b>Toxicity</b>	Not Determined
<b>Aquatic toxicity (acute)</b>	Do not allow to enter sewers or drains that may lead to waterways
<b>96-hour LC<sub>50</sub></b>	Not Determined
<b>48-hour LC<sub>50</sub></b>	Not Determined
<b>96-hour LC<sub>50</sub></b>	Not Determined

### 12.2. Persistence and Degradability:

<b>Persistence and degradability</b>	Not Determined
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### 12.3. Bio-accumulative potential:

<b>Bio-accumulative potential</b>	Not Determined
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### 12.4. Mobility in soil

<b>Mobility in soil</b>	Not Determined
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### 12.5. Results of PBT and vPvB assessment

<b>Results of PBT and vPvB assessment</b>	Not Determined
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### 12.6. Other adverse effects

<b>Environmental data</b>	Harmful to aquatic life with long lasting effects.
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## SECTION 13: Disposal Considerations

### 13.1. Waste treatment methods

<b>Disposal methods</b>	Dispose of in compliance with governmental regulation.(EC 1975L0442-20/11/2003)
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## SECTION 14: Transport Information

### 14.1. UN number:

UN number	1987
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### 14.2. UN proper shipping name:

UN proper shipping name	Alcohols, n.o.s. (Ethyl alcohol mixture)
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### 14.3. Transport hazard class(es):

Primary hazard class/division	3
Hazard classification	3

### 14.4. Packing group:

Packing group	III
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### 14.5. Environmental hazards:

Marine pollutant #1	N/P
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### 14.6. Special precautions for user:

ADR – road	N/P
RID – rail	N/P
IMDG – sea	N/P
IATA – air	N/P

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Transport in bulk	N/P
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## SECTION 15: Regulatory Information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

General comments	Please refer to Medical Devices Directive 93/42/EEC
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### 15.2. Chemical safety assessment:

Chemical safety assessment	See Section 11
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## SECTION 16: Other Information

<b>Relevant R-phrases and/or H statements (number and full text)</b>	<p>R11: Highly flammable.  R36/38: Irritating to eyes and skin.  Aquatic Tox., Acute, Cat. 1: Aquatic Toxicity, Acute, Category 1  EYE DMG., Cat. 1: Eye Damage, Category 1  Flam. Liq., Cat. 2: Flammable Liquids, Category 2  EUH 210: Safety data sheet available on request.  H225: Highly flammable liquid and vapour.  H318: Causes serious eye damage.  H400: Very toxic to aquatic life.</p>
<b>Prepared by</b>	Morvabon Trending & Manufacturing Co.
<b>Prepared Date</b>	5 May 2017
<b>Revision summary</b>	Converted MSDS to Reach SDS. Updated all sections.
<b>General statements</b>	NAP = Not Applicable
<b>Manufacturer disclaimer</b>	<u>FOR DENTAL USE ONLY</u> : Use as directed. The information and recommendations are taken from sources (raw material SDS(s) and manufacturer's knowledge) believed to be accurate; however, the manufacturer, makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.