



SAFETY DATA SHEET

according to Regulation (EC) No.

Dental Use
Date Issued : 04/2016
SDS No : M20-29
Date Revised : 01/2017
Revision No : 01

Morva-Sept Sol®

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

1.1 Product Identifier:

Product code:

M20-29

Trade Name (as labeled):

Morva-Sept Sol®

Product Description:

2% Chlorhexidine Gluconate Solution

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, 20th km
Damavand Road, Tehran, IRAN

Manufacturer/Supplier Telephone Number:

+98(21)76251702

Manufacturer/Supplier Zip code:

1657163871

Email address:

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

1.4 Emergency Telephone Number:

Transportation Emergency Contact Number:

+98(21)76251704

SECTION 2: Hazards Identification

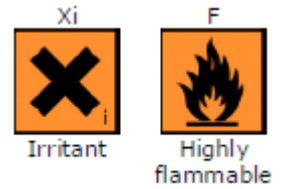
2.1 Classification of the Substance or Mixture:

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.

Hazard statement(s)	H225: Highly flammable liquid and vapour. H400: Very toxic to aquatic life. H319: Causes serious eye irritation.
Precautionary statement(s) Prevention	P280: Wear protective gloves/protective clothing/eye protection/face protection.
Response	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.
Storage	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Disposal	P501: Dispose of in compliance with governmental regulation. (EC1975L0442-20/11/2003)

2.3 Other Hazards:

Immediate concerns	Flammable
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SECTION 3: Composition / Information On Ingredients

3.1 Substances:

Substances	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:

Eye	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
Skin	Wash with soap and water.
Ingestion	Give large volumes of water. Do not induce vomiting. Consult a physician if ingested in large amounts.
inhalation	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:

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

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

Notes to physician	Irritating to eyes.
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SECTION 5: Fire-Fighting Measures

5.1 Extinguishing Media:

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

Hazardous combustion products	Ammonia, hydrogen chloride, oxides of carbon and nitrogen
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5.3 Advice for Fire-Fighters:

Fire-fighting procedures	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

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

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

General procedures	Refer to Section 8 for Personal Protective Equipment.
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6.2 Environmental Precautions:

Water spill	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:

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

6.4 Reference to Other Sections:

Reference to Other Sections	Not Applicable
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SECTION 7: Handling and Storage

7.1. Precautions for safe handling:

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

7.2. Conditions for safe storage, including any incompatibilities:

Shelf Life	See product labeling.
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7.3 Specific End Use (s):

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

8.1. Control parameters

Control parameters	Not Determined
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8.2 Exposure Controls:

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

8.3 Environmental exposure controls

Environmental exposure controls	Avoid release into environment.
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SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties:

Physical state	low viscosity liquid
Appearance	low viscosity liquid
Color	Green
Odor	Mint
Solubility in Water	Very Good
Boiling point	Not applicable

9.2 Other Information:

Percent volatile	Not Determined
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SECTION 10: Stability and Reactivity

10.1. Reactivity:

Reactivity	Stable
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10.2 Chemical Stability:

Chemical Stability	Stable when stored and handled under recommended conditions.
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10.3. Possibility of hazardous reactions:

Hazardous polymerization	None
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10.4 Conditions to Avoid:

Conditions to Avoid	Heat, flames, ignition sources, direct light.
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10.5. Incompatible materials:

Incompatible materials	Strong acids, metals
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10.6. Hazardous decomposition products:

Hazardous decomposition products	Ammonia, hydrogen chloride, oxides of carbon and nitrogen.
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SECTION 11: Toxicological Information

11.1 Information on Toxicological Effects:

Acute Notes	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:

Toxicity	Not Determined
Aquatic toxicity (acute)	Do not allow to enter sewers or drains that may lead to waterways
96-hour LC₅₀	Not Determined
48-hour LC₅₀	Not Determined
96-hour LC₅₀	Not Determined

12.2. Persistence and Degradability:

Persistence and degradability	Not Determined
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12.3. Bio-accumulative potential:

Bio-accumulative potential	Not Determined	Not Avail
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12.4. Mobility in soil

Mobility in soil	Not Determined
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	Not Determined
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12.6. Other adverse effects

Environmental data	Harmful to aquatic life with long lasting effects.
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SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Disposal methods	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

Relevant R-phrases and/or H statements (number and full text)	<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>
Prepared by	Morvabon Trending Co.
Prepared Date	5 May 2017
Revision summary	Converted MSDS to Reach SDS. Updated all sections.
General statements	NAP = Not Applicable
Manufacturer disclaimer	FOR DENTAL USE ONLY: 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.