

Material Safety Data Sheet Cover-Sheet – This page provides additional New Zealand specific information for this product and must be read in conjunction with the Safety Data Sheet (SDS) attached

Product Name: Divosep liquid

Manufacturer: Vertex-Dental BV

SDS (Current version as per Vertex Regulatory Jan 2021)

Supplier Details: Henry Schein New Zealand
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Emergency Contacts: Poisons/Hazardous Chemical Info Centre –
0800POISON/0800764766 (24 Hours)
Phone 111 for Fire, Ambulance or Police

HSNO Class/Category: 6

HSNO Group Standard: Dental Products Subsidiary Hazard Group Standard 2017
HSR002558

Statements/Pictograms: As per attached Safety Data Sheet (SDS)

Date Prepared: This coversheet was prepared January 2021

This SDS coversheet has been produced by Henry Schein NZ and has been prepared in accordance with NZ EPA advice on making overseas SDS compliant to HSNO Act. The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specifications of the product. Users must satisfy that the product is entirely suitable for their purpose. The SDS and this coversheet may be revised from time to time, please ensure you have a current copy.

**MATERIAL SAFETY DATA SHEET
CHEMICAL SUBSTANCES AND PRODUCTS
ACCORDING DIRECTIVE 91/155/EEC**

date: January 2001

version: 1

author: NCP

1 IDENTIFICATION OF THE PRODUCT AND COMPANY

1.1 product name: **Divosep liquid**

chemical characterisation:

A separating solution based on water and alginate.

1.2 company: **Vertex-Dental BV**

P.O. Box 10

3700 AA Zeist

The Netherlands

Telefax + 31.30.69.551.88

1.3 emergency telephone number: + 31 30.69.767.40

2 COMPOSITION AND INFORMATION ON INGREDIENTS

components	label	CAS reg.nr.	[%]	MAC [ppm]
Demineralized water	-	-	> 95	-
Sodium alginate	-	9005-38-3	< 5	-
Preservative	T	26628-22-8	<< 0.001	0.1
Pigment	-	-	<< 0.01	-

3 HAZARDS IDENTIFICATION

3.1 routes of entry:

The preservative is absorbed into the body by swallowing.

3.2 carcinogenic aspects:

None of the components of this product are listed by IARC, NTP, OSHA or ACIGH as carcinogens.

3.3 maximum concentration at workplace (MAC):

For the preservative: 0.1 ppm = 0.3 mg/m³

3.4 effects short-term:

The preservative can irritate eyes and respiratory system and mucous membrane.

3.5 effects long-term, repeated exposure:

The preservative works in on the vascular system.

4 FIRST AID MEASURES

4.1 **inhalation:**

Remove to fresh air, rest, sit half way up. Get medical help if discomfort persist.

skin:

Remove contaminated clothing. Wash thoroughly with soap and water.

eyes:

Flush thoroughly with water for 15 minutes and contact a doctor.

ingestion:

Wash out the mouth and transport immediately to a hospital.

5 MEASURES IN CASE OF FIRE

5.1 **flash point:** not applicable

5.2 **explosion limits:** air vol.% **lower:** not applicable
upper: not applicable

5.3 **auto ignition temperature:** not applicable

5.4 **extinguisher method:**

useful: Powder, A.F.F.F., foam and carbon dioxide.

not useful: Halogen.

5.5 **hazardous decomposition products:**

Only a small amount nitric acid.

5.6 **hazardous reactions:**

Reacts slowly with acids.

6 ACCIDENTAL RELEASE MEASURES

6.1 **leakage / spillage:**

Absorb spilled liquid with a towel. See point 13 for disposal of the liquid.

6.2 **personal precautions:**

See point 8 for personal protection.

6.3 **environmental precautions:**

See point 12 for information concerning the environment.

7 HANDLING AND STORAGE

7.1 **handling:**

Use always a clean brush to avoid contamination of the separating solution. Therefore don't leave the brush standing in the bottle after application and - to avoid infection - never work

directly from the main supply.

7.2 storage:
Store in a cool , dry place.

7.3 protection against fire and explosion:
Not applicable.

8 PERSONAL PROTECTION

8.1 respiratory protection: No special precautions.
hand protection: Latex gloves.
eye protection: Protecting glasses.
other protection: None.

8.2 industrial hygiene:
Keep working clothes separately. Take off contaminated clothing immediately. Keep away from food, drinks and animal feed.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 appearance: blue, clear, red or orange liquid

9.2 odour: not applicable

9.3 pH: not applicable

9.4 boiling point: 100°C

9.5 melting point: < 0°C

9.6 flash point: not applicable

9.7 auto ignition temperature: not applicable

9.8 explosive properties: not applicable

9.9 oxidising properties: not applicable

9.10 vapour pressure: very low

9.11 relative density: 1.014 (water = 1)

9.12 water solubility: soluble

9.13 viscosity: high

10 STABILITY AND REACTIVITY

10.1 stability:

Use always a clean brush to avoid contamination of the separating solution. Therefore don't leave the brush standing in the bottle after application and - to avoid infection - never work directly from the main supply. The liquid is stabilised with a preservative.

10.2 hazardous reactions:

By use according the instructions: none.

10.3 hazardous decomposition products:

By use according the instructions: none.

11 INFORMATION ON TOXICITY

According to literature.

11.1 Sodium alginate:

Acute oral rat:	LD ₅₀ = > 5000 mg/kg
Skin irritation rabbit:	Not irritating
Eye irritation rabbit:	Not irritating

11.2 Preservative:

Acute oral rat:	LD ₅₀ = 27 mg/kg
Acute skin rabbit:	LD ₅₀ = 20 mg/kg

12 ECOLOGICAL INFORMATION

The product is allowed to drain into sewers.

13 DISPOSAL CONSIDERATIONS

The product can be disposed as house waste and be incinerated in accordance with the local regulations.

14 TRANSPORT

14.1 UN no.: not applicable

14.2 transport by land:

UN no. rail / road:	not applicable
GGVS:	not applicable
ADR:	not applicable
GGVS/ADR note:	solution based on water and alginate

14.2 transport by land - continued -:

GGVE: not applicable
RID: not applicable
GGVE/RID note: solution based on water and alginate
Tank lorry RN 10500: not applicable
Packing group land: not applicable

14.3 transport through the air:

UN no./ID no.: not applicable
ICAO/IATA: not applicable
Technical name: solution based on water and alginate
Packing group air: not applicable

14.4 transport by sea:

UN no. sea: not applicable
IMDG/GGVSee code: not applicable
EmS: not applicable
MFAG: not applicable
Technical name: solution based on water and alginate
Packing group sea: not applicable

14.5 transport by inland waterways:

ADNR: not applicable
ADNR category: not applicable
Note inland waterways: solution based on water and alginate

14.6 further information:

The product contains more than 90 % demineralized water.

Registration EC list hazardous material:
Preservative 011-004-00-7

15 REGULATORY INFORMATION / LABELS

15.1 hazard category: not applicable

15.2 risk phrases: not applicable

15.3 safety phrases: not applicable

16 FURTHER INFORMATION

All information is based on the present state of knowledge and experience. The material safety data sheet serves to describe the product only with regard to safety requirements. Henry Schein UK Holdings Ltd. can not be held responsible for the completeness of this material safety data sheet.