

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

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version: 2

author: GM

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.

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.