

SAFETY DATA SHEET

PRODUCT : DENTO – VIRACTIS 50

In accordance with EC Regulation n°1907/2006

version 2: 21/06/2012

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification de la substance ou de la préparation :

Nom: **DENTO – VIRACTIS 50**

Utilisation de la substance/préparation : Liquid cleaner for surgical instruments.

Identification de la société/entreprise :

Raison sociale : HYGITECH

Adresse : 25 Rue Bleue
75009 PARIS FRANCE

Téléphone : Tel. : + 33 1 48 01 32 89 Fax : + 33 1 48 01 32 80

Courriel : sales@hygitech.fr

Numéro de téléphone d'appel d'urgence :

Société/Organisme: INRS / ORFILA <http://www.centres-antipoison.net>.

Téléphone : +33 1 45 42 59 59

2 - HAZARDS IDENTIFICATION

This product is not classified as flammable. Refer to the recommendations regarding the other products present on the site

Possibility of serious lesions to the eyes.

Possibility of irritation to the skin.

Possibility of skin sensitisation. The preparation may also irritate the skin and prolonged contact may aggravate this effect.

Very toxic to aquatic organisms.

Preparation classification:



Irritant



Dangerous for the environment

- R 50 Very toxic to aquatic organisms.
- R 43 May cause sensitisation by skin contact.
- R 38 Irritating to skin.
- R 41 Risk of serious damage to eyes.

3 – COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 3: see section 16.

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

CAS 94667-33-1	DIDECYL-N-METHYL-POLYOXYETHYL AMMONIUM
Concentration >=2.50% et <10%.	Symbol : C N R : 34,50,22

Other substances representing a hazard:

CAS 68439-46-3	ETHOXYLAT D'ALCOOL GRAS
Concentration >=10% et <25%. Symbol:	Xn R : 41,22
CAS 27083-27-8	CHLORHYDRATE BIGUANIDE POLYMERIQUE
Concentration >=0.00% et <2.50%.	Symbol: Xn N R : 41, 37/38, 43, 53, 50, 22

Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

Other substances with occupational exposure limits:

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No known substance in this category present.

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

Contact with eyes:	Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment. If there is any redness, pain or visual impairment, consult an ophthalmologist.
Contact with skin:	Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner. DO NOT use solvents or thinners. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital
In the event of swallowing:	In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Call a doctor immediately and show him the label.

5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

Special protective equipment for fire-fighters:

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

Sometimes, and due to the presence of organic material, a fire may produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid any contact with the skin and eyes. Consult the safety measures listed under headings 7 and 8.
Environmental precautions:	Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways. Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13). If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures
Methods for cleaning up:	Clean preferably with a detergent, do not use solvents.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Anyone with a history of skin sensitisation must on no account handle such products

Fire prevention: Prevent access by unauthorised personnel.

Recommended equipment and procedures:

- For personal safety, see §8.
- Observe precautions stated on label and also industrial safety regulations
- Product must not come into contact with the eyes

Prohibited equipment and procedures:

- Smoking, eating and drinking are prohibited in premises where the preparation is used
- Never open the packages under pressure

Storage: Keep the container tightly closed in a dry place.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Anyone with a history of skin sensitisation must on no account handle such products.

Hand protection:	Protective creams may be used for exposed skin, but they should not be applied after contact with the product. In the event of prolonged or repeated contact with the hands, use appropriate gloves.
Eye and face protection:	Avoid contact with the skin and eyes. Wear safety goggles Provide eye washes in workshops where the product is constantly handled
Skin protection:	For further information, see § 11 of S.D.S. - Toxicological information.

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:	Physical state:	fluid liquid.
	Color :	colorless to light yellow.
	Odor :	grapefruit.

Important health, safety and environmental information:

	pH of the substance or preparation:	slightly basic.
	When a pH measure is possible, it has a value of:	11.40 .
	Boiling point/boiling range:	not relevant.
	Flash point interval:	not stated.
	Vapour pressure:	not relevant.
	Density:	> 1
	Water solubility:	Dilutable.
Other information :	Point/intervalle de fusion :	not relevant.
	Température d'auto-inflammation :	not relevant.
	Point/intervalle de décomposition :	not relevant.

10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,

11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

It is generally agreed that substances contained are likely to cause significant irritation which lasts for at least twenty four hours after application to the healthy, unbroken skin of an animal for a period of up to 4 hours.

It is generally agreed that substances contained are likely to cause, when applied to the eye of an animal, serious eye damage which persists for at least twenty-four hours.

It is generally agreed that substances contained are likely to cause, among certain predisposed subjects, a sensitisation reaction by cutaneous route

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

The product must not be allowed to run into drains or waterways.

Ecotoxicity: Very toxic to aquatic organisms.

In accordance with Directive 2006/8/EC:

CAS	CE	
94667-33-1		DIDECYL-N-METHYL-POLY OXYETHYL AMMONIUM
		CL50 (for fish) 96h (mg/l)
		0.520000

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		CE50 (for daphnia) 48h (mg/l)	0.070000
		CI50 (for algae) 72h (mg/l)	0.150000
CAS	CE		
27083-27-8		CHLORHYDRATE BIGUANIDE POLYMERIQUE	
		CL50 (for fish) 96h (mg/l)	0.026000
		CE50 (for daphnia) 48h (mg/l)	0.090000
		CI50 (for algae) 72h (mg/l)	0.019100

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste: Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging: Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

14 - TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2009 - IMDG 2008 - ICAO/IATA 2009).

Classification:



Pollutants to the aquatic environment:



UN3082=ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(didecyl-n-methyl-poly oxyethyl ammonium)

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ		Provis.	EQ	Cat.	Tunnel
	9	M6	III	9	90	LQ7		274 335 601	E1	3	E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.		EQ
	9	-	III	5L	F-A,S-F	179 274	335 909	E1

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	9	-	III	914	450 L	914	450 L	A97 A158	E1
	9	-	III	Y914	30 kg G	-	-	A97 A158	E1

15 - REGULATORY INFORMATION

Classification by :

So called 'all preparations' Directive 1999/45/EC and its adaptations.

EC regulation 1272/2008 (CLP) and its adaptations (EC regulation 790/2009).

Preparation classification:



Irritant

Dangerous for the environment

Contains:

ETHOXYLAT D'ALCOOL GRAS CHLORHYDRATE BIGUANIDE POLYMERIQUE

Particular hazards associated with the preparation and safety recommendations:

R 50	Very toxic to aquatic organisms.
R 43	May cause sensitisation by skin contact.
R 38	Irritating to skin.
R 41	Risk of serious damage to eyes
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S 45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S 61	Avoid release to the environment. Refer to special instructions/Safety data sheets.
S 60	This material and its container must be disposed of as hazardous waste.
S 57	Use appropriate container to avoid environmental contamination.

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties.

Full text of risk phrases appearing in section 3:

R 22	Harmful if swallowed.
R 34	Causes burns.
R 37/38	Irritating to respiratory system and skin.
R 41	Risk of serious damage to eyes.
R 43	May cause sensitisation by skin contact.
R 50	Very toxic to aquatic organisms.
R 53	May cause long-term adverse effects in the aquatic environment.

Labelling for contents (REGULATION (EC) No 648/2004 - 907/2006):

- 5 % or over but less than 15 % : cationic surfactants
- 5 % or over but less than 15 % : nonionic surfactants
- disinfectants
- perfumes
- allergenic fragrances :
- linalool
- 4-isopropenyl-1-methylcyclohexene