

MATERIAL SAFETY DATA SHEET**PRODUCT : DENTO – VIRACTIS 59**In accordance with 2001/58/EC – 1907/2006/EC – ISO 11014-1
version : 09/04/2008**1 - IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / FIRM**

Identification of the substance or the preparation :

Name : **DENTO – VIRACTIS 59**

Use of the substance / preparation :

Pre - Disinfectant Cleaner

Identification of the company / firm :

Corporate name : **HYGITECH**Address : **25 rue Bleue
75311 – PARIS CEDEX 09 – FRANCE
+33 (0)1 48 01 32 89**E-mail : **info@hygitech.fr**Emergency telephone number : **INRS / ORFILA** **htt://www.centre-antipoison.net****2 – HAZARDS IDENTIFICATION**

This product isn't classified as flammable. See the advocations concerning the other products present in the premises.

Risk of irritant effects on the eyes and the skin.

May cause an allergic reaction.

Other information :

3 – COMPOSITION / INFORMATION ON THE COMPONENTS

Wording of the R phrases detailed in paragraph 3 :

See paragraph 16.

Representative hazardous substances (present in the preparation at a sufficient concentration to infer on it the toxicological characteristics that it would have in a 100% pure state) : This preparation does not contain any hazardous substance of this category.

Other hazardous substances : No known substance of this category is present.

Substances present at a concentration below the minimum hazard limit :

CAS 64-02-8	EDTA
Concentration $\geq 0.00\%$ and $< 2.50\%$.	Symbol : Xn R : 36 - 22
CAS 68439-45-2	ETHOXYLATED ALCOHOL C9 C11 8 OE
Concentration $\geq 0.00\%$ and $< 2.50\%$.	Symbol : Xn R : 41, 22
CAS 94667-33-1	N,N-DIDECYL-N-METHYL-POLY (OXYETHYL) AMMONIUM PROPIONATE
Concentration $\geq 0.00\%$ and $< 2.50\%$.	Symbol : C,N R : 34,50,22

Other substances with Occupational Exposure Limit Values :

No known substance of this category is present.

May cause an allergic reaction :

CAS 5989-27-5	EC 227-813-5	D-LIMONENE
Concentration $\geq 0.00\%$ and $< 2.50\%$.		Symbol : Xi, N R : 10, 38, 50/53, 43

Other components :

4 – FIRST AID MEASURES

As a general rule, if there is any doubt or if the symptoms persist, always seek medical advice.

NEVER make an unconscious person ingest something.

Inhalation : In the case of massive inhalation, take the victim to fresh air and keep warm and comfortable.

Contact with the eyes : Rinse with plenty of clean water for 15 minutes, keeping the eyelids open.
Ensure the victim sees an ophthalmologist, particularly if there is any redness or pain or if sight is adversely affected.

Contact with the skin : Remove soiled clothing and thoroughly wash the skin with soap and water or use a recognised cleaning agent.

DO NOT use solvents or diluents.

Swallowing : In the case of swallowing, if the amount swallowed is not very much (no more than a mouthful), rinse the mouth with water and seek medical advice.
In the case of accidental swallowing, call a doctor to judge if it is necessary to watch and treat later in hospital. Show the label.

5 – FIRE FIGHTING MEASURES

Not applicable.

Suitable mean of extinction :

Prohibited means of extinction for safety reasons :

Specific protection equipment for fire fighting personnel :

Specific risks resulting from exposure to the substance / preparation, the combustion products or the gases produced :

6 – ACCIDENTAL RELEASE MEASURES

Individual precautions : Refer to the protection measures detailed in paragraphs 7 and 8.

Environmental protection precautions :

Contain and collect leaks with non-combustible absorbent materials, for example : sand, earth, vermiculite, diatomaceous earth and dispose of the waste in drums.

Avoid any penetration into drains or water courses.

If the product contaminates water tables, rivers or drains, alert the relevant authorities according to the regulatory procedures in force.

Cleaning / recovery procedure : Preferably clean with a detergent and avoid the use of solvents.

7 – HANDLING AND STORAGE

The instructions relating to storage areas apply to the workshops where the product is handled.

Handling : Handle in well ventilated areas.

Fire prevention : Prohibit access by non-authorized persons.

Recommended equipment and procedures:

For individual protection, see paragraph 8.

Comply with the precautions indicated on the label and with occupational safety regulations.

Opened packaging should be carefully resealed and kept in a vertical position.

Prohibited equipment and procedures:

Smoking, eating or drinking in areas where the preparation is used are prohibited.

Never open the packaging by applying pressure.

Storage: Store the recipient properly sealed and in a dry place.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Use individual protection equipment according to the Directive 89/686/EEC.

Technical measures:

Exposure limit values according to the INRS ED 984 :

Exposure limit values according to the 2000/39/EC and 98/24/EC:

Respiratory protection:

Hand protection: Wear suitable gloves.

Eye and face protection: Use eye protections designed against liquid splashes.

Skin protection: For more details see paragraph 11 of the MSDS – Toxicological Information.

9 – PHYSICAL AND CHEMICAL PROPERTIES

General information: Physical state: Fluid liquid.

Colour: Colourless.

Odour: Grapefruit fragrance.

Important health, safety and environment information:

pH of the substance / preparation: Weak base.

When it is possible to measure the pH, its value is: 11,5 +/- 0.5.

Boiling point : Not applicable.

Flash point : Not applicable.

Density: > 1

Solubility in water: Soluble.

Other information:

Auto-ignition temperature: Not applicable.

Decomposition point : Not applicable.

Melting point : Not applicable.

10 - STABILITY AND REACTIVITY

The preparation is stable respecting the handling and storage conditions recommended at the heading paragraph 7 of the MSDS.

Conditions to avoid:

Materials to avoid:

Hazardous decomposition products:

11 – TOXICOLOGICAL INFORMATION

Inhalation:

Swallowing:

Contact with the skin: Irritant for the skin.

Contact with the eyes: Irritant for the eyes.

Other information:

12 – ECOLOGICAL INFORMATION

No ecological data on the preparation itself is available.

Ecotoxicity:

Mobility:

Persistence and degradability:

Bioaccumulation potential:

Diverse harmful effects:

13 – DISPOSAL CONSIDERATIONS

Do not discharge in drains or water courses.

Waste: Recycle or dispose of waste in accordance with the legislation in force, preferably by an approved waste collection agency or firm.

Do not contaminate the soil or water with waste and do not dispose of waste in the environment.

Soiled packaging: Completely empty the recipient. Do not remove the label(s) from the recipient.

Hand over the waste to an approved waste disposal agency.

Local provisions: The regulations regarding waste in France are codified in the *CODE DE L'ENVIRONNEMENT* (French Environment Code), according to Ordinance n° 2000-914 of the 18 September 2000 relative to the Legislative part of the Environment Code.

This includes the different texts of Article L. 541-1 to Article L. 541-50 in Book V (Prevention of pollution, risks and nuisances), Heading IV (Waste), Chapter I (Elimination of waste and recovery of materials).

Waste codes (Decision 2000/532/EC, Directive 75/442/EEC, Directive 91/689/EEC relative to hazardous waste):

14 – TRANSPORTATION INFORMATION

Exempted from the classification and the Transportation labelling.

The product should be transported in accordance with the provisions of the ADR for road transport, the RID for rail transport, the IMDG for maritime transport and the ICAO/IATA for air transport (ADR 2005 – IMDG 2004 – ICAO/IATA 2005).

15 – REGULATORY INFORMATION

This preparation has been classified in accordance with the 1999/45/EC "All Preparations" Directive and its amendments.

Directive 2004/73/EC representing the 29th amendment to the Directive 67/548/EC (Hazardous Substances) has also been taken into account.

Classification of the preparation: Irritant.

This product isn't classified as flammable.

Contains:

D-LIMONE. May cause an allergic reaction.

Specific risks attributed to the preparation and cautionary advice:

R 36/38 Irritant for the eyes and the skin.

S 24/25 Avoid the contact with the skin and the eyes.

Specific provisions:

Classified installations nomenclature. (France) (Quantity should be taken to mean the total quantity present in the installation)

This preparation is a matter for a specific classification.



16 – OTHER INFORMATION

Since we do not know the user's specific working conditions, the information provided within this material safety data sheet is based on the best information available to us at the time of issue as well as on national and European Union regulations.

The product must not be used for applications other than those specified in paragraph 1 without having obtained written handling instructions beforehand.

The user is always responsible for taking all necessary measures to comply with the requirements of local laws and regulations.

The information provided herein should be considered as a description of the safety requirements relative to our product and not as a guarantee of its properties.

Wording of R phrases detailed in paragraph 3:

R 10 Flammable

R 22 Harmful if swallowed.

R 34 Causes burns.

R 36 Irritant for the eyes.

R 36/38 Irritant for the eyes and skin.

R 38 Irritant for the skin.

R 43 May cause sensitization by skin contact.

R 50 Very toxic for aquatic organisms.

R 50/53 Very toxic for aquatic organisms, may cause long term adverse effects in the aquatic environment.

Modifications compared to the previous version are highlighted in the margin.