

## SAFETY DATA SHEET

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

**Identification of the substance or preparation:**

Name: DENTASEPT ASPI SA  
Product code: 106000

**Company/undertaking identification:**

Registered company name: DMD Groupe ANIOS.  
Address: Pavé du Moulin,59260.LILLE HELLEMES.France.  
Telephone: +33 (0)3 20 67 67 60. Fax:+33 (0)3 20 67 76 59. Telex:.  
e:mail : fds@anios.com

**Emergency telephone: +33 (0)1 45 42 59 59.**

Association/Organisation: INRS.

**Use of the substance/preparation:**

Cleaning and disinfection of suction circuits and medical devices in dental sector.

### 2 - HAZARDS IDENTIFICATION

This product is not classed 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.  
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 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)

PREPARATION 106 | Concentration >=50.00% and <100.00%. Symbol: Xi R: 38-41-52/53

**Other substances representing a hazard:**

CAS 138698-36-9 CE 270-331-5 N-DECYL-N-ISONOYL-N,N-DIMETHYLAMMONIUM CHLORIDE | Concentration >=2.50% and <10.00%. Symbol: C N R: 34-50-22

**Substances present at a concentration below the minimum danger threshold:**

No known substance in this category present.

**Other substances with occupational exposure limits:**

No known substance in this category present.

**Other components:**

CAS 27083-27-8 POLYHEXAMETHYLENE BIGUANIDE HYDROCHLORIDE   Symbol: Xi N R: 37/38-43-50/ 53-41-22	
Concentration: n: >=0.00% and <2.50%	

### 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.

**In the event of exposure by inhalation:**

Move the person away from the place of exposure and take him/her outside.

**In the event of splashes or contact with eyes:**

If applicable, remove contact lenses.

Wash thoroughly with soft clean water for 15 minutes, holding the eyelids open.

Additional treatment to be provided immediately in an eye clinic or by an ophthalmologist.

Continue rinsing until medical advice is obtained.

**In the event of splashes or contact with skin:**

Remove all contaminated or stained clothing immediately. Do not use them again until they have been decontaminated.

Rinse immediately and thoroughly with water.

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:**

Rinse out the mouth, do not induce vomiting, keep the person calm and take him/her to a clinic or a doctor's. Show the doctor the label.

## 5 - FIRE-FIGHTING MEASURES

The product itself does not burn.

**Suitable extinguishing media:**

Any extinguishing agents are authorized: foam, sand, carbon dioxide, water, powder.

**Special protective equipment for fire-fighters:**

Use autonomous insulating breathing apparatus and a full protective suit.

## 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:**

Absorb any spilled product with absorbent non-combustible materials, and sweep away or remove with a shovel. Put any waste in drums for disposal. Do not mix with any other waste. Wash the contaminated surface thoroughly with water.

Do not collect the product for re-use.

## 7 - HANDLING AND STORAGE

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

**Handling:**

Product for external use - do not swallow.

Avoid all contact with skin, eyes and clothes.

**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

Water source nearby.

**Storage:**

Store between + 5 °C and + 35 °C in a dry, well ventilated place

Store ONLY in the original package.

Do not use after the expiry date mentioned on the packaging.

Keep out of the reach of children

## 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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

**Respiratory protection:**

Not applicable in normal conditions of use.

**Hand protection:**

- When handling this product, wear suitable gloves.
- Nitrile, latex or ninyle gloves.
- Gloves must be replaced immediately if they show signs of wear and tear.

**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.
- HEALTH MEASURES:
- Do not eat, drink or smoke during use.
- Wash hands each time after handling.
- After each use, systematically wash all personal protective equipment.
- Change wet and dirty work clothes immediately.

**9 - PHYSICAL AND CHEMICAL PROPERTIES****General information:**

Physical state:	fluid liquid
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**Important health, safety and environmental information:**

pH of the substance or preparation:	strongly acidic.
When a pH measure is possible, it has a value of:	not stated.
Boiling point/boiling range:	not specified.
Flash point interval:	not relevant.
vapour pressure:	not relevant.
Density:	> 1
water solubility:	Dilutable.

**Other information:**

melting point/melting range:	not specified.
Self-ignition temperature:	not specified.
Decomposition point/decomposition range :	not specified.
Colour:	red
Odor:	Weak
pH pure product:	< 2
Density:	approx. 1.01

The strong acid property is linked to the formulation natural pH - it does not correspond to the presence of strong acid compound in the preparation.

**10 - STABILITY AND REACTIVITY**

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

**Conditions to avoid:**

- Do not mix with other products.

**Materials to avoid:**

- Alkalis.

**Hazardous decomposition products:**

- At high temperatures, dangerous decomposition products may be produced, such as fumes, carbon dioxide and carbon monoxide, nitrogen oxide.

**11 - TOXICOLOGICAL INFORMATION**

The classification of this preparation with regard to health risks for corrosive and irritating effects to skin is based on a specific toxicological expertise.

**In the event of exposure by inhalation:**

- Sore throat, coughing, shortness of breath, respiratory failure

**In the event of swallowing:**

- Ingestion may lead to irritation of the digestive system, abdominal pain, headaches and nausea.

**In the event of splashes or contact with skin:**

- Skin irritation: itching, light to moderate local redness, burning sensation...
- Dermal irritation/corrosion test in the rabbit (OECD 404).
- The preparation appears to be irritating to skin.

**In the event of splashes or contact with eyes:**

Serious eyes damage.

Burns, characterized by discomfort or pain, excessive blinking, lacrimation and redness, swelling of the conjunctiva.

**Other data:**

Sensitization:

The preparation contains substances which may lead to sensitization by skin contact, without inducing the classification of the preparation.

Skin sensitisation in the guinea-pig - maximisation test (OECD 406):

The preparation is not classified among the chemicals which may cause sensitisation by skin contact.

**12 - ECOLOGICAL INFORMATION**

No ecological data on the product itself is available.

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

Following information is based on data from the compounds.

**Persistence and degradability:**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**Ecotoxicity:**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**13 - DISPOSAL CONSIDERATIONS**

Do not pour into waterways.

Do not pour large quantities of the product (pure or diluted) into the drains.

**Waste:**

Recycle or discard in accordance with the legislation in force, preferably by a collector or an approved company.

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

**Soiled packaging:**

Hand over to an approved disposal contractor.

**Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :**

20 01 29 \* detergents containing dangerous substances

**14 - TRANSPORT INFORMATION**

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2005 - IMDG 2004 - ICAO/IATA 2005).

**15 - REGULATORY INFORMATION**

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

This product is not classed as flammable.

**Preparation classification:**

Irritant.

**Contains:**

PREPARATION 106

**Particular hazards associated with the preparation and safety recommendations:**

R 52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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 36/39	Wear suitable protective clothing 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 37	Wear suitable gloves.
S 61	Avoid release to the environment. Refer to special instructions/Safety data sheets.
S 2	Keep out of the reach of children.
	Contains POLYHEXAMETHYLENE BIGUANIDE HYDROCHLORIDE

## 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.

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

It is recommended that the information contained in this safety data sheet is provided to the users, if necessary in an appropriate form.

This information relates to the specifically designated product and may not be valid in combination with any another product. The product must not be used for applications other than those specified in heading 1 without having first obtained written handling instructions.

### Full text of risk phrases appearing in section 2:

R 22	Harmful if swallowed.
R 34	Causes burns.
R 38	Irritating to skin.
R 41	Risk of serious damage to eyes.
R 50	Very toxic to aquatic organisms.
R 52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

- less than 5 % : phosphates
- less than 5 % : cationic surfactants
- less than 5 % : nonionic surfactants
- disinfectants