SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : ANIOSYME SYNERGY 5
Product code : 2235000.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Cleaning of medicosurgical instruments
For further information on product indication, please see the label.

1.3. Details of the supplier of the safety data sheet

Registered company name : Laboratoires ANIOS.
Address : PAVE DU MOULIN .59260.LILLE - HELLEMMES.FRANCE.
Telephone : + 33 (0)3 20 67 67 67. Fax : + 33 (0)3 20 67 67 68.
e:mail : fds@anios.com
www.anios.com

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

Association/Organisation : INRS.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Eye irritation, Category 2 (Eye Irrit. 2, H319).
May produce an allergic reaction (EUH208).
Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2. Label elements

Detergent mixture (see section 15).
This mixture being intended for professional use only, the labelling for contents under detergent regulation does not appear on the label but is resumed in section 15

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS07

Signal Word :
WARNING
Additional labeling :

EUH208	Contains REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H -ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1). May produce an allergic reaction.

Hazard statements :

H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements - General :

P102	Keep out of reach of children.

Precautionary statements - Prevention :

P273	Avoid release to the environment.
P280	Wear protective gloves.

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Precautionary statements - Response :

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Precautionary statements - Disposal :

P501 Dispose of unused product and its container as hazardous waste.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table

No other hazard identified in the current state of knowledge.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	(EC) 1272/2008	Note	%
CAS: 2605-79-0 EC: 220-020-5 REACH: 01-2119959297-22 N,N-DIMETHYLDECYLAMINE N-OXIDE	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1		2.5 <= x % < 10
CAS: 2386-57-4 EC: 219-203-2 SODIUM METHANESULPHONATE	GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335		0 <= x % < 2.5
CAS: 5538-94-3 EC: 226-901-0 DIMETHYLDIOCTYLAMMONIUM CHLORIDE	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 M Acute = 1		0 <= x % < 2.5
CAS: 55965-84-9 REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLI N-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H -ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1)	GHS06, GHS05, GHS09 Dgr Acute Tox. 3, H301 Acute Tox. 3, H311 Skin Corr. 1B, H314 Skin Sens. 1, H317 Acute Tox. 3, H331 Aquatic Acute 1, H400 M Acute = 10 Aquatic Chronic 1, H410 M Chronic = 1		0 <= x % < 2.5

(Full text of H-phrases: see section 16)

SECTION 4 : FIRST AID MEASURES

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

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

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.

If there is any redness, pain or visual impairment, consult an ophthalmologist. Show this container or label.

In the event of splashes or contact with skin :

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Remove all contaminated or stained clothing immediately. Do not use them again until they have been decontaminated.
Rinse immediately and thoroughly with water.
In the event of skin irritation, seek medical advice. Show this container or label.

In the event of swallowing :

Rinse out the mouth, do not allow to drink, do not induce vomiting. Calm the person down and transfer immediatly to hospital or doctor. Show the label to the doctor.

4.2. Most important symptoms and effects, both acute and delayed

Cf. § 11

4.3. Indication of any immediate medical attention and special treatment needed

Refer to the recommendation of the doctor.

SECTION 5 : FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable methods of extinction

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

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
Do not breathe in smoke.

5.3. Advice for firefighters

Use autonomous insulating breathing apparatus and a full protective suit.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

6.2. 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.
Do not get rid in natural spaces (waterways, ground and vegetations...)

6.3. Methods and material for containment and 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 put any spilt product back into its original container with the intention of re-use.
For small quantities, dilute the product with large quantities of water and rinse away.

6.4. Reference to other sections

Disposal considerations: see section 13.

SECTION 7 : HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid all contact with skin or eyes.
Do not inhale the sprayed product.
Handle in accordance with user instructions on label
Handle in a well ventilated place (10 to 15 air changes per hour).
To be handled in a well-ventilated premises with exhaust extraction during transfer operations, if necessary (when exceeding the DMEL threshold).
Do not create inhalable vapours (aerosols) when handling.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.
Observe precautions stated on label and also industrial safety regulations.
Avoid eye contact with this mixture.
Water source nearby.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

Keep the container tightly closed
Store ONLY in the original package.

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Store between + 5 °C and + 35 °C in a dry, well ventilated place
Do not use after the expiry date mentioned on the packaging.
Keep out of the reach of children

7.3. Specific end use(s)

For professional use only
Refer to paragraph 1 for product indication

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

The information in this chapter refers to the product specifically described in this document. If the product is handled and/or exposed simultaneously with other chemical agents, these must be taken into consideration when choosing personal safety equipment.

8.1. Control parameters

Not applicable

8.2. Exposure controls

- Eye / face protection

Avoid contact with eyes.
Make safety goggles with side protection available to the personnel.
Water source nearby.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.
Gloves must be selected according to the application and duration of use at the workstation.
Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.
Nitrile, latex or vinyl gloves.
Gloves must be replaced immediately if they show signs of wear and tear.

- Body protection

Work clothing worn by personnel shall be laundered regularly.
After contact with the product, all parts of the body that have been soiled must be washed.
HEALTH MEASURES:
Wash hands each time after handling.
After each use, systematically wash all personal protective equipment.

- Respiratory protection

Not applicable in normal conditions of use.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state :	Fluid liquid.
Odour:	Weak
Colour:	blue

Important health, safety and environmental information

pH :	8.00 .
	Slightly basic.
Boiling point/boiling range :	Not specified.
Flash point interval :	Not relevant.
Vapour pressure (50°C) :	Not relevant.
Density :	+/- 1.1
Water solubility :	Soluble.
Melting point/melting range :	Not specified.
Self-ignition temperature :	Not specified.
Decomposition point/decomposition range :	Not specified.

9.2. Other information

No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No hazardous reaction if the instructions/indications for storage and handling are respected.

10.2. Chemical stability

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This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

Cf. § 10.1 and 10.2

10.4. Conditions to avoid

Avoid :
- frost

10.5. Incompatible materials

Do not mix with other products.

10.6. Hazardous decomposition products

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

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

11.1.1. Substances

Not specified

11.1.2. Mixture

The toxicological data of the mixture (resulting from studies or in accordance with conventional methods) are outlined below.

Acute toxicity :

Acute toxicity estimate (ATE)* :
Oral ATE : > 2000 mg/kg

* according to the method of calculation describe in the CLP regulation (Classification, Labelling, Packaging) Part 3 Chapter 3.1 based on the data of the different components present in the product.
Ingestion may lead to irritation of the digestive system, abdominal pain, headaches and nausea.

Skin corrosion/skin irritation :

Possibility of itching with light to moderate local redness.
On the basis of the available data, classification criteria are not reached.

Serious damage to eyes/eye irritation :

Ocular irritation: notably redness of the conjonctiva and lacrimation.

Respiratory or skin sensitisation :

Contains at least one sensitising substance. May cause an allergic reaction.

Germ cell mutagenicity :

On the basis of the available data, classification criteria are not reached.

Carcinogenicity :

On the basis of the available data, classification criteria are not reached.

Reproductive toxicant :

On the basis of the available data, classification criteria are not reached.

Specific target organ systemic toxicity - single exposure :

On the basis of the available data, classification criteria are not reached.

Specific target organ systemic toxicity - repeated exposure :

On the basis of the available data, classification criteria are not reached.

Aspiration hazard :

On the basis of the available data, classification criteria are not reached.

SECTION 12 : ECOLOGICAL INFORMATION

Following information is based on data from the compounds.
Avoid any product release into waterways.

12.1. Toxicity

12.1.1. Substances

Not specified

12.1.2. Mixtures

Chronic toxicity:
Harmful to aquatic life with long lasting effects.

12.2. 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

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their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.
Do not pour into waterways.
The packages must not be reused.

13.1. Waste treatment methods

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Soiled packaging :

Empty container completely. Keep label(s) on container.
Give to a certified disposal contractor.

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

18 01 06 * chemicals consisting of or containing dangerous substances
For information :
The waste code is given for indicative purposes.
The waste code must be determined by the user, according to the application of the product.
18 = Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

SECTION 15 : REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Classification and labelling information included in section 2:

The following regulations have been used:
Regulation (EC) No. 1272/2008 and its amendments.

- Particular provisions :

No data available.

- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

- less than 5 % : cationic surfactants
- less than 5 % : nonionic surfactants
- enzymes

Preservation agent(s):
- Methylchloroisothiazolinone, Methylisothiazolinone

15.2. Chemical safety assessment

Information from the chemical safety assessment of substances present in the product is included in the appropriate sections of this safety data sheet, whenever necessary.

SECTION 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.
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

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not be used for applications other than those specified in heading 1 without having first obtained written handling instructions.
The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture.
UPDATES SINCE PREVIOUS VERSION
- Implementation of Regulation (EC) no. 2016/918

Wording of the phrases mentioned in section 3 :

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Abbreviations :

ADR : European agreement concerning the international carriage of dangerous goods by Road.
IMDG : International Maritime Dangerous Goods.
IATA : International Air Transport Association.
ICAO : International Civil Aviation Organisation
RID : Regulations concerning the International carriage of Dangerous goods by rail.
GHS07 : Exclamation mark
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.

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