



## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

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

#### 1.1. Product identifier

Product name : ANIOS NETTOYANT SOLS  
Product code : 2233000.

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

Cleaning of floors and surfaces  
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 - HELLEMES.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.

Serious eye damage, Category 1 (Eye Dam. 1, H318).  
May produce an allergic reaction (EUH208).  
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.  
This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

##### In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Eye irritation (Xi, R 36).  
May produce an allergic reaction.  
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.  
This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

#### 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 :



GHS05

Signal Word :

DANGER

Product identifiers :

EC 500-220-1

C8-10 ALKYL POLYGLYCOSIDE

Additional labeling :

EUH208

Contains INCI(ALL): LIMONENE ((R)-P-MENTHA-1,8-DIENE). May produce an allergic reaction.

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 :

H318 Causes serious eye damage.

## Precautionary statements - General :

P102 Keep out of reach of children.

## Precautionary statements - Prevention :

P280 Wear protective gloves and eye protection/face protection.

## 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.

P310 Immediately call a POISON CENTER or doctor/physician.

## Precautionary statements - Disposal :

P501 Dispose of 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)  $\geq 0.1\%$  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**

Title for H, EUH and R indications: see § 16.

**3.2. Mixtures****Composition :**

Identification	(EC) 1272/2008	67/548/EEC	Note	%
CAS: 68515-73-1 EC: 500-220-1 REACH: 01-2119488530-36  C8-10 ALKYLPOLYGLYCOSIDE	GHS05 Dgr Eye Dam. 1, H318	Xi Xi;R41		2.5 $\leq$ x % < 10
INDEX: 601-029-00-7 CAS: 5989-27-5 EC: 227-813-5 REACH: 01-2119529223-47  INCI(ALL): LIMONENE (R)-P-MENTHA-1,8-DI ENE)	GHS02, GHS07, GHS09 Wng Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	Xi,N Xi;R38-R43 N;R50/53 R10	[1]	0 $\leq$ x % < 2.5
CAS: 55965-84-9  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)	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	T,N T;R23/24/25 C;R34 Xi;R43 N;R50/53		0 $\leq$ x % < 2.5

**Information on ingredients :**

[1] Substance for which maximum workplace exposure limits are available.

**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.

Take care not to introduce rinsing water in the undamaged eye.

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 :

In the event of an allergic reaction, seek medical attention.

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.

##### In the event of swallowing :

Rinse out the mouth, do not allow to drink, do not induce vomiting. Calm the person down and transfer immediately 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.

Take care not to skid.

Avoid all contact with skin or eyes.

#### 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.

For small quantities, dilute the product with large quantities of water and rinse away.

Do not put any spilt product back into its original container with the intention of re-use.

#### 6.4. Reference to other sections

Disposal considerations: see section 13.

## SECTION 7 : HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Product for external use - do not swallow.

Avoid all contact with skin or eyes.

Handle in accordance with user instructions on label

#### 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 at all times.  
Eye bath and water point 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.  
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.

The Exposure Threshold Limit Value and the Average Exposure Value given below are quoted by the CAS number of the substance. Paragraph 3 details the chemical name corresponding to the CAS number.

**8.1. Control parameters****Occupational exposure limits :**

- Switzerland (SUVA 2009) :

CAS	VME-mg/m3 :	VME-ppm :	VLE-mg/m3 :	VLE-ppm :	Temps :	RSB :
5989-27-5	110	20	220	40	4x15	S

**8.2. Exposure controls****Suitable technical inspections**

Ensure the rooms are well-ventilated. Atmospheric concentrations at the workplace must not exceed the limit values given for normal conditions of use.

**Personal protection measures, such as personal protective equipment**

Use personal protective equipment that is clean and has been properly maintained.  
Store personal protective equipment in a clean place, away from the work area.  
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**- Eye / face protection**

Before handling, wear safety goggles with protective sides accordance with standard EN166.  
Prescription glasses are not considered as protection.  
Avoid all contact with skin or eyes.  
Make safety goggles with side protection available to the personnel.  
Provide eye washes in workshops.  
If necessary, the nearest water supply

**- 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.  
When handling this product, wear suitable gloves.  
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.

**- Respiratory protection**

Not applicable in normal conditions of use.  
In case of insufficient ventilation, with the risk of exceeding the TLVs (Threshold Limit values)/TWA, wear suitable breathing apparatus (mask which filters organic vapours - type A protection)

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties****General information :**

Physical state :	Fluid liquid.
Odour:	sweet-smelling
Colour:	colourless

**Important health, safety and environmental information**

pH :	9.00 .
	Slightly basic.
Boiling point/boiling range :	Not specified.
Flash point interval :	Not relevant.
Vapour pressure (50°C) :	Not relevant.
Density :	+/- 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**

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.

**Serious damage to eyes/eye irritation :**

Serious eyes damage.

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

**Respiratory or skin sensitisation :**

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

**SECTION 12 : ECOLOGICAL INFORMATION**

## 12.1. Toxicity

### 12.1.1. Substances

Not specified

### 12.1.2. Mixtures

The mixture has not been classified as an environmental hazard, in compliance with EC regulation 1272/2008.

## 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 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.

The packages must not be reused.

Do not pour into waterways.

### 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) :

20 01 29 \* detergents containing dangerous substances

For information :

The waste code must be determined by the user, according to the application of the product.

The waste code is given for indicative purposes.

20 = Municipal wastes and similar commercial, industrial and institutional wastes including separately collected fractions

## 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

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

- 5 % or over but less than 15 % : nonionic surfactants

- less than 5 % : soap

- perfumes

Preservation agent(s):

- Methylchloroisothiazolinone, Methylisothiazolinone

Contains allergenic fragrances (according to 2003 /15 /EC annex III 1 Part 1; 26 fragrances) in concentration > = 0,01% w/w:

- Limonene

- Citral

### 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.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture.

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

**UPDATES SINCE PREVIOUS VERSION**

- Implementation of classification and labelling in compliance with EC regulation 1272/2008.

**Title for H, EUH and R indications mentioned in section 3 :**

H226	Flammable liquid and vapour.
H301	Toxic 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.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
R 10	Flammable.
R 23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R 34	Causes burns.
R 38	Irritating to skin.
R 41	Risk of serious damage to eyes.
R 43	May cause sensitisation by skin contact.
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**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.

GHS05 : Corrosion