



SAFETY DATA SHEET

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

Identification of the substance or preparation:

Name: ANIOSYME DLM

Product code: 1569000

Company/undertaking identification:

Registered company name: Laboratoires ANIOS.

Address: Pavé du Moulin.59260.LILLE - HELLEMES.FRANCE.

Telephone: + 33 (0)3 20 67 67 67. Fax:+ 33 (0)3 20 67 67 68. Telex:.

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Association/Organisation: INRS.

Use of the substance/preparation:

Liquid detergent for instrument cleaning in automatic washing machine

2 - HAZARDS IDENTIFICATION

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

Possibility of irritation to the eyes and skin.

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)

This preparation contains no hazardous substance in this category.

Other substances representing a hazard:INDEX 011-002-00-6 CAS 1310-73-2 CE 215-185-5 SODIUM HYDROXIDE | Concentration $\geq 0.00\%$ and $< 2.50\%$. Symbol: C R: 35**Substances present at a concentration below the minimum danger threshold:**

No known substance in this category present.

Other substances with occupational exposure limits:CAS 57-55-6 CE 200-338-0 MONOPROPYLENE GLYCOL | Concentration $\geq 50.00\%$ and $< 100.00\%$. Symbol: R:

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.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

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.

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.

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.

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

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 or eyes.

Handle in accordance with user instructions on label

Recommended equipment and procedures:

For personal safety, see §8.

Observe precautions stated on label and also industrial safety regulations

Avoid contact of product with the skin and eyes

Eye bath and water point nearby.

Storage:

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

Store ONLY in the original package.

Keep the container tightly closed

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

Keep out of the reach of children

Specific use(s):

For professional use only

Refer to paragraph 1 for product indication

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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

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.

Technical measures:

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

Exposure limit values per INRS ED 984:

ACGIH(TLV)	TWA-ppm:	TWA-mg/m3:	STEL-ppm:	STEL-mg/m3:	Notes:	Notes:
1310-73-2	-	2	-	-	-	P
France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
1310-73-2	-	2	-	-	-	-

Exposure limit values (2003-2006):

Switzerland	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Temps:	RSB:
1310-73-2	2 l mg/m3	-	2 l mg/m3	-	15min	-
Slovakia	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
1310-73-2			l.			
UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
57-55-6	150 ppm	-	-	-	-	
1310-73-2	-	2 mg/m3	-	-	-	
Czech Rep.	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
1310-73-2	1 mg/m3	2 mg/m3	-	-	-	
España	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
1310-73-2	-	2 mg/m3	-	-	-	
Polska	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
1310-73-2	0.5 mg/m3	1 mg/m3	-	-	-	
Belgique	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
1310-73-2	2 mg/m3	-	-	-	-	
UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
57-55-6	10 mg/m3	-	-	-	-	
57-55-6	150 ppm	-	-	-	-	
1310-73-2	-	2 mg/m3	-	-	-	

Respiratory protection:

Not applicable in normal conditions of use.

In case of insufficient ventilation, with the risk of exceeding the TLVs (Treshold Limit Values)/TWA, wear suitable breathing apparatus.

Particularly universal breathing apparatus, ABEK2P3 type

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 eyes.

Wear safety goggles.

Water source nearby.

Skin protection:**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.

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:	slightly basic.
When a pH measure is possible, it has a value of:	8.30 .
Boiling point/boiling range:	not specified.
Flash point interval:	not relevant.
vapour pressure:	not relevant.
Density:	> 1
Density:	+/- 1.06
water solubility:	Dilutable.

Other information:

melting point/melting range:	not specified.
Self-ignition temperature:	not specified.

Decomposition point/decomposition range : not specified.
Colour: Amber

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.

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

In the event of exposure by inhalation:

Inhalation may lead to irritation of the respiratory tracts.

In the event of swallowing:

Ingestion may lead to irritation of the buccal cavity.
Sore throat, abdominal pain, nausea.

In the event of splashes or contact with skin:

Skin irritation: itching, light to moderate local redness, burning sensation...

In the event of splashes or contact with eyes:

Ocular irritation: notably redness of the conjunctiva and lacrimation.

Other data:

The preparation contains sensitizing enzymes by inhalation without inducing the classification of the preparation.

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

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

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.

In accordance with Directive 2006/8/EC:

The classification of this preparation takes account of the modifications introduced by Directive 2006/8/EC

13 - DISPOSAL CONSIDERATIONS

The packages must not be reused.

Do not pour into waterways.

Do not pour large quantities of the product 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:

Completely empty the container. Keep the label(s) on the container.

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) :

18 01 06 * chemicals consisting of or containing dangerous substances

For information :

18 = Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)

14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

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.

Particular hazards associated with the preparation and safety recommendations:

R 36/38	Irritating to eyes and skin.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 37	Wear suitable gloves.
S 46	If swallowed, seek medical advice immediately and show this container or label.
S 2	Keep out of the reach of children.

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 3:

R 35	Causes severe burns.
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Labelling for contents (REGULATION (EC) No 648/2004 - 907/2006):

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

Preservation agent(s):

- Methylchloroisothiazolinone, Methylisothiazolinone