



SAFETY DATA SHEET

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

Identification of the substance or preparation:

Name: ANIOS DL TRI-ENZYMATIQUE

Product code: 862000

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

Association/Organisation: INRS.

Use of the substance/preparation:

Neutral liquid cleaner for automatic washing machines and washing tunnels.

2 - HAZARDS IDENTIFICATION

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site
Possibility of skin sensitisation. The preparation may also irritate the skin and prolonged contact may aggravate this effect.

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 613-167-00-5 CAS 55965-84-9 MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2HISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) | Concentration \geq 0.00% and $<$ 2.50%. Symbol: T N R: 23/24/25-34-43-50/53**Substances present at a concentration below the minimum danger threshold:**CAS 161074-93-7 ALKYL POLYGLYCOSIDE | Concentration \geq 2.50% and $<$ 10.00%. Symbol: Xi R: 41**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:CAS 102-71-6 CE 203-049-8 2,2',2"-NITROTRIETHANOL | Concentration \geq 2.50% and $<$ 10.00%. 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:

If possible, wear rubber gloves when giving first aid.

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 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:

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:

In case of accidental dispersion do not pour any spilled product back into its original container with the intention of re-using it.

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.

7 - HANDLING AND STORAGE

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

Anyone with a history of skin sensitisation must on no account handle such products

Handling:

Product for external use - do not swallow.

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

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.

Anyone with a history of skin sensitisation must on no account handle such products.

Exposure limit values per INRS ED 984:

| ACGIH(TLV) | TWA-ppm: | TWA-mg/m3: | STEL-ppm: | STEL-mg/m3: | Notes: | Notes: |
|------------|----------|------------|-----------|-------------|--------|--------|
| 102-71-6 | - | 5 | - | - | - | - |

Exposure limit values (2003-2006):

| Czech Rep. | TWA: | STEL: | Ceiling: | Definition: | Criterion: |
|------------|---------|----------|----------|-------------|------------|
| 102-71-6 | 5 mg/m3 | 10 mg/m3 | - | - | - |
| España | TWA: | STEL: | Ceiling: | Definition: | Criterion: |
| 102-71-6 | 5 mg/m3 | - | - | - | - |
| Belgique | TWA: | STEL: | Ceiling: | Definition: | Criterion: |
| 102-71-6 | 5 mg/m3 | - | - | - | - |

| UK/WELs | TWA: | STEL: | Ceiling: | Definition: | Criterion: |
|---------|----------|-------|----------|-------------|------------|
| 57-55-6 | 150 ppm | - | - | - | - |
| UK/OES | TWA: | STEL: | Ceiling: | Definition: | Criterion: |
| 57-55-6 | 10 mg/m3 | - | - | - | - |
| 57-55-6 | 150 ppm | - | - | - | - |

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 all contact with skin or eyes.

Make safety goggles with side protection available to the personnel.

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.

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

| | |
|-----------------|--------------|
| Physical state: | fluid liquid |
|-----------------|--------------|

Important health, safety and environmental information:

| | |
|---|----------------|
| pH of the substance or preparation: | neutral. |
| When a pH measure is possible, it has a value of: | 7.00 . |
| 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: Amber

Density: 1.071 g/cc at 20°C.

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 digestive system, abdominal pain, headaches and nausea.

In the event of splashes or contact with skin:

Possibility of itching with light to moderate local redness.

In the event of splashes or contact with eyes:

May lead to slight ocular irritation: redness of the conjunctiva and lacrimation.

Other data:

Sensitization:

Repeated or prolonged exposure may lead to sensitization by skin contact (risk of eczema).

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

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

Ecotoxicity:

The preparation is not classified as dangerous for the environment, in accordance with directive 99/45/EC

13 - DISPOSAL CONSIDERATIONS

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

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:

613-167-00-5 MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2HISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1)

Particular hazards associated with the preparation and safety recommendations:

| | |
|------|---|
| R 43 | May cause sensitisation by skin contact. |
| S 24 | Avoid contact with skin. |
| S 37 | Wear suitable gloves. |
| S 26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| 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 23/24/25 | Toxic by inhalation, in contact with skin and if swallowed. |
| R 34 | Causes burns. |
| 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. |

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

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