



## SAFETY DATA SHEET

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

**Identification of the substance or preparation:**

Name: SURFANIOS FRAICHEUR CITRON

Product code: 347000

**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:.

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

Association/Organisation: INRS.

**Use of the substance/preparation:**

Cleaning and disinfection of floors and surfaces

### 2 - COMPOSITION/INFORMATION ON INGREDIENTS

**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)

CAS 2372-82-9 CE 219-145-8 N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE | Concentration  $\geq$ 2.50% and  $<$ 10.00%. Symbol: C N R: 35-50-22**Other substances representing a hazard:**CAS 69011-36-5 ETHOXYLATED ISOTRIDEKANOL | Concentration  $\geq$ 2.50% and  $<$ 10.00%. Symbol: Xn R: 41-22INDEX 603-117-00-0 CAS 67-63-0 CE 200-661-7 PROPAN-2-OL | Concentration  $\geq$ 0.00% and  $<$ 2.50%. Symbol: Xi F R: 11-36-67INDEX 612-131-00-6 CAS 7173-51-5 CE 230-525-2 DIDECYLDIMETHYLAMMONIUM CHLORIDE | Concentration  $\geq$ 2.50% and  $<$ 10.00%. Symbol: C R: 34-22**Substances present at a concentration below the minimum danger threshold:**CAS 64-02-8 CE 200-573-9 ETHYLENEDIAMINE TETRACETIC ACID, TETRASODIC SALT | Concentration  $\geq$ 2.50% and  $<$ 10.00%. Symbol: Xn R: 36-22**Other substances with occupational exposure limits:**

No known substance in this category present.

### 3 - IDENTIFICATION OF HAZARDS

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.

Very toxic to aquatic organisms.

### 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.

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:**

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:**

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 using 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.

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

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 or eyes.

Follow instructions with regard to conditions of use (read the technical notice).

**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

Eye bath and water point nearby.

Ensure room is well ventilated.

**Storage:**

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

**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 2 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 ND 2098-174-99 and ND 2114-176-99:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
67-63-0	-	-	400	980	-	84
Germany	Class:	MAK-ppm:	MAK-mg/m3:	Notes:	Notes:	
67-63-0	II,1	200	500	C		
ACGIH(TLV)	TWA-ppm:	TWA-mg/m3:	STEL-ppm:	STEL-mg/m3:	Notes:	Notes:
67-63-0	(400)	(983)	(500)	(1230)	-	S

#### Exposure limit values (2003-2006):

UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:
67-63-0	400 ppm	500 ppm	-	-	-
UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:
67-63-0	400 ppm	500 ppm	-	-	-

#### Respiratory protection:

Not applicable in normal conditions of use.

In case of insufficient ventilation, with the risk of exceeding the TLVs (Threshold Limit Values), 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 the skin and eyes. Wear safety goggles

Provide eye washes in workshops where the product is constantly handled

#### 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:	strongly basic.
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 specified.
Density:	> 1
Density:	+/- 1.03
water solubility:	Dilutable.

#### Other information:

melting point/melting range:	not specified.
Self-ignition temperature:	not specified.
Decomposition point/decomposition range :	not specified.
Odor:	Perfumed

Liquid solution blue-green colour.

## 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:**

Strong acids.

Metals sensitive to alkaline pH (aluminium...)

**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:**

Assessment of primary cutaneous irritation index in the rabbit (similar preparation):

The preparation, tested as such, appears to be irritating to skin.

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

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

Possibility of extensive damages to eyes if not quickly washed (serious ocular lesions are often observed in the event of prolonged contact with a solution with a pH higher than or equal to 11.5).

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

**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:**

Very toxic to aquatic organisms.

**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.

Avoid product release in large quantities (pure or diluted) into drains which are not connected to any waste water treatment plant.

**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

20 01 29 \* detergents 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)

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

**14 - TRANSPORT INFORMATION**

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).

UN3082=ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(tertiary amine)

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.
	9	M6	III	9	90	LQ7	274



IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.		
	9	-	III	5 L	F-A,S-F	274 909 944		
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note
	9	-	III	914	No Limit	914	No Limit	A97
	9	-	III	Y914	30 kg G	-	-	-

## 15 - STATUTORY 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.



Dangerous for the environment.

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

R 50	Very toxic to aquatic organisms.
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 39	Wear eye/face protection.
S 61	Avoid release to the environment. Refer to special instructions/Safety data sheets.
S 45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S 2	Keep out of reach of children.
S 35	This material and its container must be disposed of in a safe way.
S 36/37	Wear suitable protective clothing and gloves.
	Contains N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE

## 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.

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

- 5 % or over but less than 15 % : nonionic surfactants
- 5 % or over but less than 15 % : EDTA and salts thereof
- disinfectants
- perfumes