



SAFETY DATA SHEET

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

Identification of the substance or preparation:

Name: ANIOXYDE 1000_ RECONSTITUE

Product code: 1081/A1000

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:.

e:mail : fds@anios.com

www.anios.com

Manufacturer: Laboratoires Anios - 59260 Lille-Hellemmes - 59262 Sainghin-en-Mélantois - France - www.anios.com

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

Association/Organisation: INRS.

Use of the substance/preparation:

Cold disinfection of instruments and endoscopes

2 - HAZARDS IDENTIFICATION

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

This preparation is not classed as hazardous to health by directive 1999/45/EC.

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:

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold:INDEX 008-003-00-9 CAS 7722-84-1 CE 231-765-0 HYDROGEN PEROXIDE SOLUTION | Concentration >=2.50% and <10.00%. Symbol: C O R:
5-8-35-20/22**Other substances with occupational exposure limits:**

CAS 105-60-2 CAPROLACTAM-*

CAS 79-21-0 PERACETIC ACID

CAS 67-63-0 PROPAN-2-OL

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:**

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.

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.

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.

Do not hermetically seal the container when the mixture ACTIVATOR/GENERATOR has been performed.

Fire prevention:

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

Eye bath and water point nearby.

Storage:

Keep well away from combustible materials and reducing agents (amines), acids, bases, heavy metal compounds (accelerators, siccative agents, metallic salts)

Keep away from heat

Recommended storage temperature: from +5°C to +25°C.

Please refer to safety data sheets of products ACTIVATOR and GENERATOR for their own storage conditions before use.

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:

Personnel shall wear regularly laundered overalls.

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:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
7722-84-1	1	1.5	-	-	-	-
67-63-0	-	-	400	980	-	84
79-21-0	-	-	-	-	-	-
105-60-2	-	10	-	40	-	-
Germany	Class:	MAK-ppm:	MAK-mg/m3:	Notes:	Notes:	
7722-84-1	I	1	1.4	-		
67-63-0	II,1	200	500	C		
79-21-0	-	-	-	3		
105-60-2	p	-	5i	C		
ACGIH(TLV)	TWA-ppm:	TWA-mg/m3:	STEL-ppm:	STEL-mg/m3:	Notes:	Notes:
7722-84-1	1	1.4	-	-	-	-
67-63-0	(400)	(983)	(500)	(1230)	-	S
79-21-0	-	-	-	-	-	-
105-60-2	(5)	(23)	(10)	(46)	(A4)	S

Exposure limit values per 2006/15/CE, 2000/39/EC and 98/24/EC:

EC	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:
105-60-2	-	10	-	40	-

Exposure limit values (2003-2006):

Switzerland	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Temps:	RSB:
7722-84-1	1.4 mg/m3	1 ppm	1.4 mg/m3	1 ppm	15min	-
Slovakia	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
7722-84-1		1.4 mg/m3	l.			
UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
7722-84-1	1 ppm	2 ppm	-	-	-	
Czech Rep.	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
7722-84-1	1 mg/m3	2 mg/m3	-	-	-	
España	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
7722-84-1	1 ppm	-	-	-	-	
Polska	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
7722-84-1	1.5 mg/m3	4 mg/m3	-	-	-	
Belgique	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
7722-84-1	1 ppm	-	-	-	-	
67-63-0	400 ppm	500 ppm	-	-	-	
105-60-2	1 mg/m3	3 mg/m3	-	-	-	
UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
7722-84-1	1 ppm	2 ppm	-	-	-	
67-63-0	400 ppm	500 ppm	-	-	-	
105-60-2	1 mg/m3	3 mg/m3	-	-	-	

Respiratory protection:

In case of insufficient ventilation, with the risk of exceeding the TLVs (Threshold Limit Values)/TWA, wear suitable breathing apparatus.
Use Type B1P1 or B2P2 filters.

Hand protection:

When handling this product, wear suitable gloves.
Butyl or nitrile gloves are recommended.
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.
Provide eye washes in workshops.

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:	not relevant.
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The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range:	not specified.
Flash point interval:	not relevant.
vapour pressure:	not relevant.
Density:	> 1
water solubility:	Soluble.

Other information:

melting point/melting range:	not specified.
Self-ignition temperature:	not specified.
Decomposition point/decomposition range :	not specified.
Odor:	weak, typical of acetic acid

Colour: yellow to orange.

10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,

Before use, wait at least for 30 minutes after activation (=mixing of the activator in the 5L can of generator).

To guarantee disinfectant efficacy, check the level of peracetic acid, using the strips provided: check at the start of the session, or when resuming activity after a break and every 4 hours in the event of continuous activity.

Decision to renew the soaking bath:

- soaking bath control with the strips : result different than the expected one.
- soaking of 50 endoscopes as a maximum
- 7 days of use as a maximum.

Conditions to avoid:

Do not mix with other products.

Materials to avoid:

Brass, copper, bronze, aluminium, iron, titane.
Powerful organic and inorganic oxidizing compounds.

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:

Assessment of skin tolerance in rabbits:
The preparation appears to be slightly irritating to the skin.

In the event of splashes or contact with eyes:

Assessment of ocular tolerance in rabbits:
The preparation is MODERATELY IRRITATING to eyes.

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

Following information is based on data from the compounds.

Persistence and degradability:

Preparation with easily biodegradable substances.

Bioaccumulative potential:

No expected bioaccumulation.

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

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.

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

18 01 07 chemicals other than those mentioned in 18 01 06

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 preparation is not classed as hazardous to health by directive 1999/45/EC.

This product is not classed as flammable.

Particular hazards associated with the preparation and safety recommendations:

S 24/25	Avoid contact with skin and eyes.
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 2:

R 20/22	Harmful by inhalation and if swallowed.
R 35	Causes severe burns.
R 5	Heating may cause an explosion.
R 8	Contact with combustible material may cause fire.