



## SAFETY DATA SHEET

Regulations (EC) n.1907/2006 e (UE) 2015/830

Product Name: **NT-OXY Easy**

Creation Date: 08/09/2020

### SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

#### 1.1. Product identifier

Product name: **NT-OXY Easy**

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

Aqueous mixture with 3% of Hydrogen Peroxide and TeaTreeOil.

Use descriptor system (REACH):

SU20 (Health services)

SU22 (Professional uses)

#### 1.3. Details of the supplier of the safety datasheet

Company name: Archem srl  
Address: Viale dell'Industria, 1 27020 Trivolzio (PV) ITALY.  
Phone: +39.0382.930612  
E-mail: [info@archem.it](mailto:info@archem.it)

Country	Emergency telephone number
ITALY +39	<ul style="list-style-type: none"><li>- Bologna, Ospedale Maggiore: Tel. 051-333333, 051-6478955</li><li>- Milano, Ospedale Niguarda Ca' Granda, Tel. 02-66101029 Napoli, Ospedale Cardarelli, Tel. 081-7472870/ 0815453333</li><li>- Pavia, Centro Nazionale di Informazione Tossicologica - Fondazione Salvatore Maugeri, Clinica del Lavoro e della Riabilitazione IRCCS, Tel. 0382- 24444</li><li>- Roma, Policlinico A. Gemelli, Tel. 06-3054343</li></ul>

Other emergency numbers

In case of emergency, call nearest poison center or 112 or 113.

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

In compliance with Regulation (EC) No.1272/2008 and its amendments.

The preparation is not classified as dangerous according to the aforementioned provision

#### 2.2. Label elements

In compliance with Regulation (EC) No.1272/2008 and its amendments.

Hazard pictograms: None

Signal Word: None

Hazard statements: None

Precautionary statements:

P102 Keep out of reach of children

P273 Do not disperse in the environment

P301 + P310 In case of ingestion contact immediately a Poison Center or a doctor.

P305 + P351 + P338 Wash thoroughly with soft, clean water for several minutes holding the eyelids open. Keep of eventually eye contact. Regardless of the initial state, refer the patient to an ophthalmologist and show him the label

P410 + P403 protect from sunlight and store in a well-ventilated place

#### 2.3. Other hazards

Avoid mixing with other products.



## SAFETY DATA SHEET

Regulations (EC) n.1907/2006 e (UE) 2015/830

Product Name: **NT-OXY Easy**

Creation Date: 08/09/2020

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

Not applicable(mixture).

#### 3.2. Mixtures

Composition:

INDEX	CAS No.	CE No.	Name	Pictogram	Classification	% w/w/
008-003-00-9	7722-84-1	231-765-0	Hydrogen peroxide		Ox.Liq.H271 Acute Tox.4 H302 Skin Corr 1A H314 Acute tox.4 H332 STOT SE 3 H335	3
			Mixture of food additives and essential oil: Tea Tree		Not classified	< 0.4

Other data:

No data available.



## SAFETY DATA SHEET

Regulations (EC) n.1907/2006 e (UE) 2015/830

Product Name: **NT-OXY Easy**

Creation Date: 08/09/2020

### SECTION 4: FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing if the victim is unconscious.

#### 4.1. Description of first aid measures

In the event of exposure by inhalation:

No exposure symptoms were evaluated.

In the event of splashes or contact with eyes:

Wash thoroughly with soft, clean water for several minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

In the event of splashes or contact with skin:

Remove any soiled or splashed clothing immediately. Wash skin with soap and water.

In the event of swallowing:

In the event of swallowing consult a doctor showing the label.

#### 4.2. Most important symptoms and effects, both acute and delayed

No data available for the product.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Specific and immediate treatment:

No data available.

Information for the doctor:

No data available

### SECTION 5: FIREFIGHTING MEASURES

Contains 3% of hydrogen peroxide (oxidizing substance).

#### 5.1. Extinguishing media

The prepared is not flammable

#### 5.2. Special hazards arising from the substance or mixture

The prepared is not flammable, however from decomposition oxygen develops which maintains combustion.

#### 5.3. Advice for firefighters

No data available. Cool the containers in order to avoid explosion due to decomposition of the product. Wear protective clothing suitable for fires.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

Follow safety advice for secure handling. Avoid eye contact. Ensure adequate ventilation.

#### 6.2. Environmental precautions

Prevent any material from entering drains or waterways.

#### 6.3. Methods and material for containment and cleaning up

Clean preferably with detergent, avoid the use of solvents. 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

#### 6.4. Reference to other sections

Refer to sections 7, 8 and 13.



## SAFETY DATA SHEET

Regulations (EC) n.1907/2006 e (UE) 2015/830

Product Name: **NT-OXY Easy**

Creation Date: 08/09/2020

### SECTION 7: HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

#### 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure adequate ventilation, especially in confined areas..

#### Fire prevention:

Handle in well-ventilated areas.

Prevent access by unauthorized personnel.

#### Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid any contact with the eyes at all times.

Packages which have been opened must be reclosed carefully and stored in an upright position.

#### 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

##### Storage/Packaging

Keep in original container tightly closed in a dry, well-ventilated area at ambient temperature between 5° and 30°C. Keep away from heat sources.

#### 7.3. Specific end use(s)

No data available.



## SAFETY DATA SHEET

Regulations (EC) n.1907/2006 e (UE) 2015/830

Product Name: **NT-OXY Easy**

Creation Date: 08/09/2020

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

Biological limits:

No data available.

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

Hydrogen peroxide 35% CAS No7722-84-1:

Worker:

Inhalation / acute toxicity – local effects: 3 mg/m<sup>3</sup>

Inhalation / long term toxicity– local effects: 1.4 mg/m<sup>3</sup>

Consumer:

Inhalation / acute toxicity – local effects: 1.93 mg/m<sup>3</sup>

Inhalation / long term toxicity– local effects: 0.21 mg/m<sup>3</sup>

Predicted no effect concentration (PNEC):

Hydrogen peroxide 35% CAS No.7722-84-1:

Freshwater: 0,0126mg/L

Marine water: 0,0126mg/L

Water – intermittent releases: 0,0138mg/L

Sewage treatment plant: 4,66mg/L

Freshwater sediment: 0,47 mg/kg (dry weight)

Marine sediment: 0,47 mg/kg (dry weight)

Soil: 0,0023 mg/kg (dry weight)

#### 8.2. Exposure controls

Suitable technical inspections:

Ensure adequate ventilation, especially in confined areas.

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 adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Before handling large quantities, wear safety goggles with protective sides accordance with standard EN166.

- Hand protection

Not required.

- Body protection

Work clothing worn by personnel shall be laundered regularly. Remove contaminated clothing

- Respiratory protection

Not required

- Thermal risks

Not applicable.

Exposure controls linked to environmental protection

No data available.



## SAFETY DATA SHEET

Regulations (EC) n.1907/2006 e (UE) 2015/830

Product Name: **NT-OXY Easy**

Creation Date: 08/09/2020

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

##### General information:

Physical state:	Liquid(fluid)
Odor:	characteristic odor
Color:	White pale

##### Important health, safety and environmental information

pH(mixture):	4 ± 1
Melting point/melting range:	Not determined
Freezing point:	Not determined
Boiling point/boiling range:	Not determined
Flash point:	Boil at temperature above 110°C without flash point. (A.9)
Evaporation rate:	Not determined
Flammability:	Not determined
Lower/upper flammability limits:	Not determined
Lower/upper explosive limits:	Not determined
Vapor pressure:	Not determined
Vapor density:	Not determined
Solubility:	Not determined
Octanol/water partition coefficient:	Not determined
Self-ignition temperature:	Not determined
Decomposition point:	Not determined
Density:	1,00 g/cm <sup>3</sup>
Explosive properties:	Not determined
Oxidizing properties:	Not determined

#### 9.2. Other information

N.A.

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1. Reactivity

No data available.

#### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

#### 10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide, carbon dioxide fumes, nitrogen oxides.

Hydrogen peroxide (3% in product) is an oxidizing and reactive substance.

Risk of decomposition to heat.

Risk of exothermic decomposition and formation of oxygen in case of contact with incompatible or combustible substances. Mixing with organic substances (solvents) can induce explosive properties.

#### 10.4. Conditions to avoid

Avoid direct sunlight and high temperatures.

#### 10.5. Incompatible materials

Avoid contact with:

- metals, metal salts, acids, bases, reducing agents, flammable substances, organic solvents.

#### 10.6. Hazardous decomposition products

The thermal decomposition may release/form

- oxygen(O<sub>2</sub>)
- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)



## SAFETY DATA SHEET

Regulations (EC) n.1907/2006 e (UE) 2015/830

Product Name: **NT-OXY Easy**

Creation Date: 08/09/2020

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Acute toxicity:

The product is not classified (conventional method by calculation).

Oral, rat: LD<sub>50</sub> > 5000 mg/kg

Inhalation, rat: LC<sub>50</sub> > 2 mg/L (4h)

Dermal, rabbit: LD<sub>50</sub> > 2000 mg/kg

### 11.2. Health effects

For eventual health effect please consult section 4.2.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### 12.1.1. Substances

Not applicable (mixture).

#### 12.1.2. Mixture

No aquatic toxicity information is available for the mixture.

This mixture is not classified as hazardous for the environment (classification by calculation).

No environmental damage is known or foreseeable under normal conditions of use.

Hydrogen peroxide (CAS No.7722-84-1):

Acute toxicity:

Fish: semi-static test, *Pimephalespromelas*:

LC<sub>50</sub> = 5,0 mg/L (96h)

Invertebrates: semi-static test, *Daphniamagna*:

E C<sub>50</sub> = 7,7 mg/L (24h)

### 12.2. Persistence and degradability

No data available for the mixture.

Hydrogen peroxide (CAS No.7722-84-1): readily degradable.

### 12.3. Bio accumulative potential

No data available for the mixture.

Hydrogen peroxide (CAS No.7722-84-1): no bioaccumulative potential (rapid decomposition into oxygen and water).

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPv Bassessment

The mixture does not contain any PBT nor vPvB substance.

### 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, Decision 2014/955/EU and Directive (EU) 2015/1127.

### 13.1. Waste treatment methods

Do not pour into drains or waterways.

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.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Completely empty container. Keep label(s) on container. Give to a certified disposal contractor.



## SAFETY DATA SHEET

Regulations (EC) n.1907/2006 e (UE) 2015/830

Product Name: **NT-OXY Easy**

Creation Date: 08/09/2020

### 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

##### Classification and labelling information included in section 2:

The following regulations have been used:

- Regulation EC No.1272/2008 and its modifications

##### Biocidal regulation (EU) No.528/2012

Surface disinfectant (biocide PT2) – professional use.

Hydrogen peroxide, CAS No.7722-84-1:3%

##### Container information:

No data available.

##### Particular provisions:

No data available.

#### 15.2. Chemical safety assessment

No data available.

### 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.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

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 and not as a guarantee of the properties thereof.

##### Wording of the phrases mentioned in section 3:

H271	May cause fire or explosion; strong oxidiser.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage. .
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
Ox.Liq 1	Oxidising liquid , cat 1
Acute Tox.4	Acute toxicity cat 4
Skin Corr 1A	Skin corrosion, cat 1A
STOT SE 3	Specific toxicity for target organs

##### Abbreviations:

PBT: Persistent, bio accumulable and toxic.

vPvB: Very persistent, very bio accumulable.

SVHC: Substances of very high concern.