



SAFETY DATA SHEETS

In accordance with CE Regulation 1907/2006 modified
by UE regulation no. 453/2010

NOCOLYSE[®]

Revision 4: 27/06/2012

Version: E

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Identification of the substance/ mixture

Name of the substance/preparation: **NOCOLYSE[®]**

1.2 Identified relevant use and non-recommended use of the substance or the mixture

Recommended use

A Ready-for-use solution to be used as a bactericidal, fungicidal, virucidal, sporicidal disinfectant.
Always use this product with devices that comply with the NOCOSPRAY[®]/NOCOMAX[®] concepts.

Non-recommended use

Do not dilute the product.



SAFETY DATA SHEETS

In accordance with CE Regulation 1907/2006 modified
by UE regulation no. 453/2010

NOCOLYSE®

Revision 4: 27/06/2012

Version: E

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture (in accordance with Directive 1999/45/CE)

Class: X_i; Irritant

R36: Irritating to eyes

The most important harmful effects:

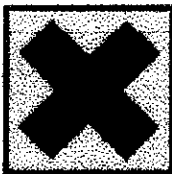
Physico-chemical: Refer to section 9

Human health: Refer to section 11

Environment: Refer to section 12

2.2 Label elements (in accordance with Directive 1999/45/CE)

Hazard symbols



Xi: Irritant

Risk phrases:

R36: Irritating to eyes

2.3 Other risks

No other information available currently.



SAFETY DATA SHEETS

In accordance with CE Regulation 1907/2006 modified
by UE regulation no. 453/2010

NOCOLYSE®

Revision 4: 27/06/2012

Version: E

3. COMPOSITION / INFORMATION ABOUT THE CONSTITUENTS

Products	Index number	CE number	CAS number	Symbols for pure raw material	H and R phrases for pure raw material	Concentration
Hydrogen peroxide	008-003-00-9	231-765-0	7722-84-1	GHS03, GHS05 GHS07 Dgr O, C	H271, H332 H302, H314 R5, R8, R35, R20/22	6%
Polyoxyethylene*		Polymer	25322-68-3	Not classified	Not classified	0.003%
(S)-p-Mentha-1.8-diene		227-815-6	5989-54-8	Xi, N	R10, R38, R43, R50-53	0.03%
Silver nitrate*		231-853-9	7761-88-8	O, C, N	H272, H314 H400, H410 R8, R34, R50/53	30 ppm

*: For substances with an exposure limit value, refer to section 8.

4. FIRST AID

4.1 Description of first aid

In the event of contact with skin:

Wash thoroughly.

In the event of contact with eyes:

Rinse immediately and thoroughly with water and consult a specialist if required.

If swallowed:

Rinse mouth with water. Consult a doctor.

If inhaled:

No special precautions necessary.

4.2 Main symptoms and effects, acute and delayed

No problem known at present. No additional data available.

4.3 Indications regarding the possible immediate medical care and special treatments required

No problem known at present. No additional data available.



SAFETY DATA SHEETS

In accordance with CE Regulation 1907/2006 modified
by UE regulation no. 453/2010

NOCOLYSE®

Revision 4: 27/06/2012

Version: E

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Appropriate extinguishing media:

None. The product is non-flammable.

Inappropriate extinguishing media:

None.

5.2 Specific hazards resulting from the substance or the mixture

None.

5.3 Instructions for fire-fighters

None.

6. MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL DISCHARGE

6.1 Personal precautions, safety equipment and emergency procedures

Wear eye/face protection in order to prevent the discharge from splashing into the eyes.

6.2 Precautions for environmental protection

Dilute with plenty of water in case of accidental spillage.

6.3 Containment and cleaning methods and equipment

Rinse with plenty of water.

6.4 Reference to other sections

For personal protective equipment, refer to section 8.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

- Wearing latex gloves and goggles for the protection of hands and eyes is recommended.
- To avoid any kind of contamination, a product that has been removed from its original packaging should never be put back into the container.
- The packaging should be closed properly after use.

7.2 Conditions for safe storage, including the possible precautions

- The product should be stored only in the original packaging.
- The cans should be stored in an upright position and at a temperature of $> 5^{\circ}\text{C}$ and $< 30^{\circ}\text{C}$.
- The cans should be kept away from heat and light.

7.3 Specific final use

No specific information available.



SAFETY DATA SHEETS

In accordance with CE Regulation 1907/2006 modified
by UE regulation no. 453/2010

NOCOLYSE®

Revision 4: 27/06/2012

Version: E

8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

CAS number	Products	Average exposure limit in mg/ m ³
25322-68-3	Polyoxyethylene	10
7761-88-8	Silver nitrate	0.01

8.2 Exposure control

8.2.1 Suitable technical controls:

Information provided in section 7.

8.2.2 Personal protection measures

Eye/face Protection: Wear protective goggles.

Skin Protection: Wear latex gloves.

8.2.3 Exposure controls related to environmental protection

Do not discharge undiluted product into the sewage. Always dilute it.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Important information about the physical and chemical properties

<i>Appearance</i>	:	Liquid
<i>Colour</i>	:	Colourless
<i>Odour</i>	:	Odourless or mint
<i>Boiling temperature</i>	:	+/- 100°C
<i>pH value</i>	:	4.5 ± 0.3
<i>Flash point</i>	:	None
<i>Density at 20°C</i>	:	1.01
<i>Solubility in water</i>	:	Completely soluble in water

9.2 Additional information

No specific information available.



SAFETY DATA SHEETS

In accordance with CE Regulation 1907/2006 modified
by UE regulation no. 453/2010

NOCOLYSE®

Revision 4: 27/06/2012

Version: E

10. STABILITY AND REACTIVITY

10.1 Reactivity

No reactivity known at present.

10.2 Chemical stability

If stored and used as per the prescriptions and in its original packaging, the product is stable for 2 years from the manufacturing date.

10.3 Possibility of chemical reaction

No possible reaction known at present.

10.4 Conditions to be avoided

Constant exposure to sunlight and sources of heat $>30^{\circ}\text{C}$ may cause slight degassing.

10.5 Incompatible materials

No specific information available.

10.6 Hazardous decomposition products

Oxygen formation.

11. TOXICOLOGICAL INFORMATION

Information about toxicological effects

For the Hydrogen peroxide 50%:

DL50 by oral route, rat: 801-872 mg/kg

DL50 by dermal route, rabbit: 4060 mg/kg

Estimation of acute toxicity by inhalation (method calculating): 22mg/l

Main pathological effects known or observed:

Eyes: Direct contact may cause damage to the cornea.

Skin: Slight irritation.

Accidental swallowing: No data available at present.



SAFETY DATA SHEETS

In accordance with CE Regulation 1907/2006 modified
by UE regulation no. 453/2010

NOCOLYSE®

Revision 4: 27/06/2012

Version: E

12. ECOLOGICAL INFORMATION

12.1 Toxicity

For hydrogen peroxide 50%:

Fish: CL50 (Pimephales promelas; 96h) = 16.4 et CL50 (Leuciscus idus melanotus; 24h) = 35mg/l

Daphnia: CE50 (Daphnia magna; 24h) = 7.7 mg/l

Seaweeds: CE50 (Scenedesmus quadricauda ; 240h) = 27.5 - 43 mg/l

Bacterium: EC10 (Pseudomonas putida ; 16h) = 11 mg/l

12.2 Persistence and degradability

- Biodegradability > 99%

12.3 Bioaccumulation potential: No data available at present.

12.4 Mobility in soil: No data available at present.

12.5 Results of PBT and vPvB evaluations: No data available at present.

12.6 Other harmful effects: No data available at present.

13. DISPOSAL CONSIDERATIONS

Product:

- Disposal by water dilution, without residue.

Packaging:

- The entire empty packaging is recyclable.

14. TRANSPORT INFORMATION

Cans/bottles should be transported in an upright position.

This product is not subjected to the international regulation on the transport of harmful goods
(ADR/RID/ADNR/IATA/IMDG)

15. REGULATORY INFORMATION

15.1 **Regulations/legislation related to the substance or the mixture as regards safety, health and environment**

At present, our suppliers have not provided any information about this point.

15.2 **Assessment of chemical safety**

At present, our suppliers have not provided any information about this point.



SAFETY DATA SHEETS

In accordance with CE Regulation 1907/2006 modified
by UE regulation no. 453/2010

NOCOLYSE®

Revision 4: 27/06/2012

Version: E

16. ADDITIONAL INFORMATION

Complete version of the H and P phrases

H271	May cause fire or explosion; strong oxidiser
H272	May intensify fire; oxidiser
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H332	Harmful if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Complete version of the R and S phrases

R5	Heating may cause an explosion.
R8	Contact with combustible material may cause fire.
R34	Causes burns.
R35	Causes severe burns.
R20/22	Harmful by inhalation or if swallowed.
R50/53	Very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.
R10	Flammable
R38	Irritating to skin
R43	May cause sensitisation by skin contact

Special instructions:

Also refer to the technical usage instructions.
For all the additional information, contact the nearest supplier.

Sources for preparing the safety data sheet:

REACH ordinance, INRS, directive on biocides, safety data sheets from suppliers, etc.

List of changes to the safety data sheet:

Revision 1: 04/03/2010 (global review of the safety data sheet)
Revision 2: 23/11/2010 (update of the safety data sheet in accordance with the EU regulation no. 453/2010)
Revision 3: 23/05/2011
Revision 4: 27/06/2012 (§3, §8, §11, §12 et §16)

The information provided here is based on our current state of knowledge.
It describes the safety measures to be taken as regards the product in question.
It does not represent a guarantee about the product properties.
Users are requested to take into account the risks that might arise if
this product is used for purposes other than those intended.



Installation List of Nocospray in India

- ✚ Katalayni Hospital, Panchkula
- ✚ Dr. Bakshi's Lab, Panchkula
- ✚ Dr. Aniljit's Child Hospital, Patiala
- ✚ Dr. Bajaj's Clinic, Pinjore
- ✚ RK Hospital, Bangalore
- ✚ Citi Hospital, Hospet
- ✚ Anjuman Hospital, Hospet
- ✚ RV Dental College, Bangalore
- ✚ Dr. Vikram Reddy, Citizens Hospital, Hyderabad
- ✚ Dr. Sabadra's Advance Dentistry Center
- ✚ Dr. Sanjay Arora, Sanora Body Pain Treatment Center/ Zental Gentle Dental Clinic, Yusuf Sarai, Delhi
- ✚ Dr. R. Prakash, M.S.R Tooth Clinic, Madurai
- ✚ Dr. Ravinder Puppla, Profile Dental Clinic, Hyderabad
- ✚ Dr. HS Chawala, Sukh Iqbal Dental Center, Chandigarh
- ✚ Dr. Poonam Gupta, Genesis, New Delhi
- ✚ Dr. Sanjay Jain, Sanjivani Hospital, Mumbai
- ✚ Dr. Vivek Hegde, The White Arch Dental Centre, Pune
- ✚ Dr. Rajan, ANR Healthcare, Delhi
- ✚ Dr. Sushmitha, Femeto Eye Care, Bangalore