



Preparing for the New Era of Laboratories

SAFETY DATA SHEET (SDS)

According to regulation (EU) no.1907/2006

ADVANCE HYDROGEN PEROXIDE SILVER STABILIZER SOLUTION

PRODUCT CODE : L-1282

CAS No : Not applicable

FORMULA : Not applicable

UN No : 2984

website : www.labotiq.net

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ADVANCE HYDROGEN PEROXIDE SILVER STABILIZER SOLUTION



SDS Number : 0594

Date : April 9, 2026

Version : 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product Name** : Advance Hydrogen Peroxide Silver Stabilizer Solution
- Synonyms** : -
- CAS No.** : Not applicable to mixtures
- HS Code** : 2847.00.00
- Chemical Formula** : Not applicable to mixtures
- Molecular Weight** : Not applicable to mixtures
- Product Code** : L-1282
- Brand** : Labotiq
- 1.2 Manufacturer** : Labotiq
- Address** : Jl.Terapi Raya AD2-Bumi Menteng Asri Bogor, Jawa Barat Indonesia – 16111
- Website** : www.labotiq.net
- Email** : labotiq.id@gmail.com
- For information** : Phone : (+62-251) 839110, 8311662, Fax : (+62-251) 83135710
- Emergency number** : +6281316894650
- 1.3 Application** : Laboratory chemicals, Manufacture of substances

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture**
- Classification according to Regulation (EC) No 1272/2008**
- Oxidizing liquids, Category 3
- Skin irritation, Category 2
- Eye irritation, Category 2A
- STOT SE 3 (respiratory irritation)
- Aquatic Acute 1
- Aquatic Chronic 1

For the full text of the H-Statements mentioned in this Section, see Section 16

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

Pictogram



Signal word

Danger

Hazard statement(s)

H272:

May intensify fire; oxidizer

H315:

Causes skin irritation

H319:

Causes serious eye irritation

H335:

May cause respiratory irritation

H410:

Very toxic to aquatic life with long lasting effects

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Precautionary statement(s)

Prevention

P210:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220:	Keep/Store away from clothing/combustible materials.
P261:	Avoid breathing mist/vapours/spray.
P264:	Wash hands thoroughly after handling.
P273:	Avoid release to the environment.
P280:	Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302 + P352:	IF ON SKIN: Wash with plenty of water.
P332 + P313:	If skin irritation occurs: Get medical advice/attention.
P305 + P351 + P338:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337 + P313:	If eye irritation persists: Get medical advice/attention.
P304 + P340:	IF INHALED: Remove person to fresh air and keep comfortable for breathing.

2.3 Other hazards

The mixture contains hydrogen peroxide which is a strong oxidizing agent.
Contact with incompatible materials may cause decomposition or release of oxygen.
Silver compounds may pose environmental hazards even at low concentrations.

SECTION 3: Composition/information on ingredients

3.1 Substances

Synonyms : Advance Hydrogen Peroxide Silver Stabilizer Solution

3.2 Mixture

Hazardous ingredients according to Regulation (EC) No 1272/2008

Component	Classification	Concentration
Hydrogen Peroxide (H ₂ O ₂) CAS : 7722-84-1	May intensify fire; oxidizer. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Very toxic to aquatic life with long lasting effects	~10% w/v
Silver Nitrate (AgNO ₃) CAS : 7761-88-8		~0.01% w/v

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

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If inhaled

Move to fresh air immediately. If experiencing difficulty breathing, seek medical attention.

In case of skin contact

In the case of contact with skin, wash immediately with plenty of water and seek medical attention..

In case of eye contact

In the case of contact with eyes, wash immediately with plenty of water and seek medical attention

If swallowed

Wash mouth and throat immediately with plenty of water and seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Irritation and corrosion, bronchitis, Cough, Shortness of breath, gastric pain, Unconsciousness, Bloody vomiting, Nausea, collapse, shock, Convulsions, Lung oedema, death Risk of blindness!

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media**Suitable extinguishing media**

Use water, dry chemical, carbon dioxide or chemical foam

5.2 Special hazards arising from the substance or mixture

Carbon dioxide and carbon monoxide

5.3 Advice for firefighters*Special protective equipment for firefighters*

Wear self-contained breathing apparatus for fire fighting if necessary

5.4 Further information

Cool closed containers exposed to fire with water spray. Suppress (knock down) gases/vapours/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation of mist or vapours. Wear eye protection if necessary.

6.2 Environmental precautions

No special environmental precautions required..

6.3 Methods and materials for containment and cleaning up

Flush with plenty of water.

6.4 Reference to other sections

For disposal see section 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Avoid breathing vapours or mist. Avoid contact with eyes.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Store at R. T. away from heat and light.

Storage class

Storage class (TRGS 510): Storage Class 5.1A / 5.1B (oxidizing liquids)

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure control

Appropriate engineering controls

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatrill® (KCL 740, Size M)

Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatrill® (KCL 740, Size M)

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Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use (EN 143) respirator cartridges as a backup to engineering controls. If the full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Form: liquid
	Colour: colourless
Odour	No data available
Odour Threshold	No data available
pH	2.5 – 4.0
Relative evaporation rate (butylacetate=1)	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Non flammable.
Vapour pressure	No data available
Relative vapour density at 20 °C	No data available
Relative density	No data available
Density	~1.03 – 1.06 g/mL
Solubility in water	Miscible (Clear Solution)
Log Pow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

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10.2 Chemical stability

Stable under recommended conditions

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Heat, light

10.5 Incompatible materials

Reducing agents

Metals

Alkalis

10.6 Hazardous decomposition products

No data available

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Local effects**

Oral : Unknown on product.

Eye irritation : Severe irritant to the eye.

Skin irritation : May cause skin irritation in sensitized individuals.

Inhalation : Inhalation of mist or vapours may cause irritation to the nose and throat.

Chronic toxicity

Oral : Not determined.

Inhalation : Not determined.

Dermal : Not determined.

Specific effects

Corrosive effects : Not determined.

Target organ effects : Not determined

SECTION 12: Ecological information**12.1 Toxicity**

Ecotoxicity effects : This product has no known eco - toxicological effects.

Aquatic toxicity effects : This product has no known aquatic toxicological effects.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

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12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods**Product**

This product may be disposed off in accordance with the regulations laid down by the local regulatory authority.

SECTION 14: Transport information

14.1 UN number

ADR/RID: 2984

IMDG: 2984

IATA: 2984

14.2 UN proper shipping name

ADR/RID: (Hydrogen peroxide solution)

IMDG: (Hydrogen peroxide solution)

IATA: (Hydrogen peroxide solution)

14.3 Transport hazard class(es)

ADR/RID: 5.1

IMDG: 5.1

IATA: 5.1

14.4 Packaging group

ADR/RID: III

IMDG: III

IATA: III

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user**Further information**

No data available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 0

Reactivity: 1

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Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Labotiq shall not be held liable for any damage resulting from handling or from contact with the above product.

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