



Safety Data Sheet pursuant to Regulation according to Directive 1999/45/EC

Trade name: **BASWA Blonde**
Product no.: a355

Version: 20.10.14
revised on: 20.10.14
Date printed: 09.12.2015
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1. DESCRIPTION OF THE SUBSTANCE/ MIXTURE AND THE COMPANY

1.1 Designation of the substance / preparation:

Hydrogen peroxide stab. < 12 weight %
CAS no.: 7722-84-1
Index no.: 008-003-00-9
EC no.: 231-765-0

1.2 Use of the substance / preparation:

Partial cleaning of heavy organic contamination on BASWaphon ceilings (BASWaphon Base, BASWaphon Fine, BASWaphon Classic)

1.3 Distributor (supplier):

BASWAacoustic AG

Street, Post code

Marmorweg 10

Country code / Post code / Town:

CH-6283 Baldegg / Switzerland

Phone: +41 41 914 02 22

Fax: +41 41 914 02 20

E-mail: info@baswa.com

Contact centre for technical information:

BASWAacoustic AG

E-mail: msds@baswa.com, Phone: +41 41 914 02 11

1.4 Emergency number:

Swiss Toxicological Information Centre Zurich (24-h service):

Switzerland: 145

Worldwide: + 41 44 251 51 51

2. POSSIBLE HAZARDS

2.1 Classification:

Hazard categories:

Serious damage to the eye(s) / Irritates the eye(s) Damage to the eye 1

Safety notes:

Causes serious damage to the eye(s)



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2.2 Label elements:

Hydrogen peroxide in solution 12%



Signal word: Danger
Icon: GHS05

Safety notes:

H318 Causes serious damage to the eye(s).

Safety instructions:

P280 Wear protective gloves, protective clothing, safety goggles and safety mask.
P234 Only store in the original container.
P305+P351+P338 IN CASE OF CONTACT WITH EYES: Rinse out carefully with water for several minutes. If possible remove contact lenses - where applicable. Continue to rinse.
P310 Ring the NATIONAL POISONS INFORMATION SERVICE OR DOCTOR immediately.

3. COMPOSITION / PARTICULARS OF THE COMPONENTS

3.1 Chemical Characterisation:

Name of substance: Hydrogen peroxide H₂O₂, molecular weight: 34.02
CAS no.: 7722-84-1



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EC no.: 231-765-0
Concentration: m 12 %
Classification: 008-003-00-9
Ox. Liq. 1, Acute Tox. 4, Skin Corr. 1A
H271 H 332 H302 H314
C - corrosive

3.2 Other ingredients: non-hazardous admixtures

Substance(s) with shared limit value for exposure at the workplace:

PBT substance(s): none

vPvB substance(s): none

3.3 Additional information:

The wording of the cited hazard notices (H and EUH clauses) can be found in Chapter 16.

4. FIRST AID MEASURES

Remove any clothing that is contaminated with the product immediately and make sure it is properly washed before wearing it again.

4.1 After contact with eyes:

On contact with eyes, rinse immediately with plenty of flowing water for several minutes, keeping the eyelid open. Consult an eye specialist physician immediately.

4.2 After inhalation:

Remove casualty to fresh air and keep at rest. Consult a physician.

4.3 After skin contact:

Will form oxygen depletion of skin (whitening of skin). On contact with skin, wash immediately with plenty of water and soap. If skin irritation persists, consult a physician. Remove all contaminated clothing immediately and wash before wearing again.

4.4 After ingestion:

Rinse out mouth, followed by drinking plenty of water. Seek medical help. **Do not induce vomiting!**



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4.5 Notes for the physician:

Potential symptoms: Increased pulse rate, cyanosis, nausea. Treat according to symptoms.

5. FIREFIGHTING MEASURES

5.1 Suitable fire-extinguishing agents:

Select extinguishing measures to suit the surroundings.

5.2 Extinguishers that are not suitable for safety reasons::

Solid jet of water.

5.3 Special risks from the substance or the preparation itself, its combustion products or any gases generated:

Non-flammable.

5.4 Special protection equipment during firefighting:

In the event of a fire: Wear breathing apparatus that works independently of the surrounding air.

5.5 Additional information:

Use water to cool any closed containers in the vicinity of the source of the fire. Suppress gases, fumes and/or smoke with sprays of water. Collect the contaminated extinguishing water separately. Do not discharge it into the drains or bodies of water.

6. MEASURES IN CASE OF ACCIDENTAL RELEASE

6.1 Personal precautions:

Wear personal protection equipment. Keep unprotected persons away from the area. Ensure there is sufficient ventilation. Do not breathe in the gas, smoke, fumes, aerosols. Avoid all contact with skin, eyes and clothing.

6.2 Measures for environmental protection:

Prevent major quantities from entering into the soil, bodies of water and drainage systems.

6.3 Cleaning process:

Soak up with liquid-binding material (sand, diatomite, acid binders, universal binders) and dispose of as hazardous waste. Dispose of contaminated material as waste in accordance with Point 13.



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6.4 Additional information:

For information regarding safe handling, see Section 7.
For information regarding personal protection equipment, see Section 8.
For information regarding disposal, see Section 13.

7. HANDLING AND STORAGE

7.1 Handling

Avoid free-fall of product!

Ensure there is sufficient ventilation at the workplace. If handling when open, use local extraction systems.

Do not breathe in the gas, smoke, fumes, aerosols.

7.1.1 Notes for safe handling:

Keep away from flammable sources - no smoking!

7.1.2 Notes on protection against fire and explosions:

Do not mix with: organic solvents

7.1.3 Further information:

Only store in the original container. Do not put any leftover product back into the storage containers.

7.2 Storage

7.2.1 Requirements on storage rooms and containers:

Keep the containers tightly closed.

7.2.2 Notes on storage together with other materials:

No special safety measures are necessary.

7.2.3 Further information regarding storage conditions:

Protect against frost.

7.2.4 Storage class:

Not specified. Packaging Group: III

7.2.5 Specific use:

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Partial cleaning of heavy organic contamination on BASWAphon ceilings (BASWAphon Base, BASWAphon Fine, BASWAphon Classic)
When used as a booster: Mix just before use with BASWAclean F-01.

8. LIMITATION AND MONITORING OF EXPOSURE/PERSONAL PROTECTIVE EQUIPMENT

8.1 Components with work-place related thresholds which are to be monitored:

Provide adequate ventilation, see Point 7.
If handling when open, use local extraction systems.

8.2 Limitation and monitoring of exposure at the place of work:

7722-84-1 Hydrogen peroxide:
MAK 8 h 0.71 mg/m³ 0.5 ppm
KZW 15 min 0.71 mg/m³ 0.5 ppm

8.3 Personal protective equipment



8.3.1 Respiratory protection:

If handling when open, use local extraction systems. If ventilation is inadequate, respirators must be worn.
Do not breathe in the gas, smoke, fumes, aerosols.

8.3.2 Protection of hands:

Alkali-resistant protective gloves.

When handling chemical substances, chemical protective gloves must be worn that bear the CE marking with a four-digit code. Chemical protective gloves must be selected based on the concentration and quantity of the hazardous substance, technically suitable for the workplace. It is advisable to check with the manufacturer of the gloves regarding the chemical resistance of the aforementioned protective gloves for special applications.



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8.3.3 Eye protection:

Tight-fitting safety goggles.

8.3.4 Body protection: Chemical-resistant protective clothing. Remove all contaminated clothing immediately.

8.3.5 Limitation and monitoring of the environmental exposure:

Do not eat, drink or smoke whilst working. Draw up and observe a skin protection plan! Wash hands thoroughly before breaks and at the end of work, shower if necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

Form: liquid
Colour: clear
Odour: characteristic

9.2 Safety data

| Type | Value | Method | Comment |
|--|------------------------------|--------|----------------|
| pH value (20 °C) | | | not determined |
| Melting point / range (°C) | | | not determined |
| Boiling point (°C) | 100 °C | | |
| Ignition point (°C) | | | not determined |
| Explosion hazard | none | | not applicable |
| Lower explosive limit | | | not determined |
| Upper explosive limit | | | not determined |
| Ignition temperature (°C) | | | not applicable |
| Oxidising properties | present | | |
| Vapour pressure (°C) | 23 hPa | | at 20 °C |
| Density (g/cm ³) | 1,0675 kg/dm ³ | | at 20 °C |
| Bulk density (kg/m ³) | | | not applicable |
| Solubility in water (g/l at 20°C) | easily soluble | | in water |
| Distribution coefficient n-octanol/water (K _{ow}) | | | not determined |
| Dynamic viscosity (mPas/20 °C) | | | not determined |



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| | | | |
|---------------------------|--------------------------------|--|----------------|
| Efflux time | | | not determined |
| Vapour density | | | not determined |
| Evaporation rate | | | not determined |
| Solvent separation test | | | not determined |
| Solvent content | | | not determined |
| Conductivity | | | not determined |
| Corrosion | | | not determined |
| Miscibility | completely miscible with water | | |
| Gas category | | | not applicable |
| Auto-ignition temperature | | | not applicable |

9.3 Additional data:

The data listed in Section 9 are typical values for the product and cannot be considered to be product and supply specifications.

10. STABILITY AND REACTIVITY:

10.1 Conditions to be avoided:

When handled and stored correctly, there are no dangerous reactions.

10.2 Materials to be avoided:

none

10.3 Hazardous decomposition products:

There are no known hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

11.1 Toxicological testing

Specific symptoms in animal test: reduced mobility



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| 11.1.1 Acute toxicity | Species | Value | Methods | Comments |
|------------------------------|----------------|---------------|----------------|-----------------|
| <u>Hydrogen peroxide:</u> | Rat | 418-445 mg/kg | Oral | LD 50 |
| | Rat | 3000 mg/kg | Dermal | LD 50 |
| | | 11 mg/kg | inhalation | Vapour ATE |
| | | 1.5 mg/kg | inhalation | Aerosol ATE |

11.1.2 Specific symptoms in animal tests

After swallowing: not tested
After contact with the skin: not tested
After inhalation: not tested

11.1.3 Effects from irritation/burning:

Causes eye irritation. Risk of serious damage to the eyes.

11.1.4 Sensitisation

No known sensitisation effects.

11.1.5 Subacute to chronic toxicity

Subacute chronic toxicity: not tested
Subacute oral toxicity: not tested
Subacute inhalative toxicity: not tested

Evaluation:

No subacute to chronic toxicity is expected.

Note:

The mixture is classified as harmless according to 1999/45/EC

11.1.6 Carcinogenicity, mutagenicity and reproductive toxicity

Carcinogenicity:

not tested.

Mutagenicity:

not tested.

Reproductive toxicity

not tested.

11.2 Practical experience



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11.2.1 Observations relevant to the classification:

Irritation threshold for the lungs is approx. 10 mg/m³

11.2.2 Other observations:

none

11.3 General comments:

none

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

Acute fish toxicity (Pimephales promelas): 16.4 mg/litre in 96 h, LC50 (Source: IUCLID)
Acute algae toxicity (Chlorella vulgaris): 0.88 mg/litre in 72 h, ErC50
Aquatic toxicity @0903.B092025

12.2 Mobility:

The product has not been tested.

12.3 Persistence and degradability:

The product has not been tested.

12.4 Bioaccumulation potential:

The product has not been tested.

12.5 Results of the determination of PBT properties

13 The product has not been tested.

13.5 Further notes:

No special environmental precautions are necessary. There is no additional information available.

13. INFORMATION REGARDING DISPOSAL:

13.1 Disposal/Waste (product):

Compliance with the applicable regulatory provisions. Do not discharge it into the drains or bodies of water. Switzerland: GSchV dated 28.10.1998

EAK/AVV waste code:



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07 00 00 Waste from organic chemical processes
07 07 00 MFSU waste from fine chemicals, not otherwise listed.
07 07 04 Other organic solvents, washing liquids and mother liquors

13.2 Packaging:

Rinse out with plenty of water. Completely emptied packaging can be recycled.

13.3 Additional information:

Recommended cleaning agent: Water

14. INFORMATION REGARDING TRANSPORT:

14.1 Land transportation (ADR/RID/GGVSE): Class 5.1, UN number 2984, E1

14.2 Inland waterway transportation (ADNR): Class 5.1, UN number 2984,

14.3 See transport (IMDG-Code/GGVSee): not designated as a Marine pollutant, UN number 2984

14.4 Air transport (ICAO-IATA/DGR): Class 5.1, UN number 2984

14.5 General information:

| | |
|-------------------------------|----------|
| Classification code: | O1 |
| Special provisions: | 65 |
| Limited quantity (LQ): | 5 litres |
| Transport category: | 3 |
| Hazard identification number: | 50 |
| Hazard label: | 5.1 |
| Quantity released: | E1 |
| Tunnel restriction code: | E |
| Environmental hazard: | No |

14.6 Special safety measures for the user:

Warning: hazardous oxidising substances

14.7 Bulk transport according to Annex II of the MARPOL Convention 73/78 and the IBC Code:

not applicable



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15. LEGAL PROVISIONS

15.1 Safety assessment:

To be observed: 850/2004/EC, 79/117/EEC, 689/2008/EC.

15.2 Labelling:

Hazard symbol and hazard designation:

Hydrogen peroxide in aqueous solution 12 %



Signal word:

Danger

Icon: GHS05

15.2.1 Special labelling regulation for certain preparations:

not required

15.2.2 Information on labelling:

15.3 EU legislation

15.3.1 Specific EC regulations:

Observe employment restrictions for young people.

Observe employment restrictions for expectant and breastfeeding mothers.

15.3.2 Detergents regulation:

15.3.3 VOC Directives 1999/13/EC:

15.3.4 Directive 2004/42/EC for solvent-based paints and varnishes:



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16. OTHER INFORMATION

The information provided in this safety data sheet is based on the current state of our knowledge, however it offers no assurance of the products' properties and constitutes no legal contractual rights.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
LC 50: Lethal concentration, 50 %
LD 50: Lethal dose, 50 %

Wording of the H and EUH clauses referred to in Sections 2 and 3:

| | | |
|-----------|------|--|
| H-Clause: | H271 | May cause fire or explosion; strong oxidant. |
| | H302 | Harmful if swallowed. |
| | H314 | Causes severe skin burns and serious damage to the eyes. |
| | H318 | Causes serious damage to the eye(s). |
| | H332 | Harmful if inhaled. |

Information regarding training:

Additional information regarding the designated use can be found in the technical data sheet. Instruction regarding dangers and protective measures pursuant to the operating instruction (TRGS 555). This training shall be carried out before the employment of personnel and thereafter at least once a year.

Recommended restrictions on use:

The material is normally used by certified BASWA employees. Not a product for the public (industrial use only).



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Additional information:

Additional information can be obtained at: msds@baswa.com (Section: 1.3).

The data for the hazardous ingredients were taken from the respective latest version of the safety data sheet of the upstream supplier.

Modified data compared to the previous version:

First version after the Directive 1907/2006/EC (REACH regulation) came into force.
