



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

Tradename: **BASWAclean F-01**
Product. No.: a301

Version: March 13, 2008
Date of revision: June 21, 2011
Date printed: February 9, 2012
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND TRADENAME

1.1 Trade name of substance / preparation:
Cleaning agent

1.2 Use of substance / preparation:
Cleaning of BASWAphon ceilings (BASWAphon Base, BASWAphon Fine, BASWAphon Classic)

1.3 Marketing organization (Producer / Supplier):
BASWAacoustic AG

Street address/PO Box:
Marmorweg 10

International ID / zip code / location:
CH-6283 Baldegg / Switzerland
Phone: +41 41 914 02 22
Fax: +41 41 914 02 20
Email: info@baswa.com

Contact for technical information:
BASWAacoustic AG
Email: 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. POTENTIAL HAZARDS

2.1 Classification:
No hazards to be mentioned in particular.

2.2 Additional hazard warnings for humans and the environment:
No particular hazards to be mentioned.

3. COMPOSITION/INFORMATION ON INGREDIENTS



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The preparation is a mixture from the previously mentioned substances and non-hazardous admixtures.

3.1 Chemical characterization:

Name of substance: sodium hydroxide
CAS-No.: 13 10-73-2
EC-No.:
Concentration: > 0,5 %
Classification: C; R35

Name of substance: sodium metasilicate
CAS-No.: 10213-79-3
EC-No.:
Concentration: > 1 %
Classification: C; R20/22-34

3.2 Additional constituents:

Substance/s with community workplace exposure limits:

sodium hydroxide: 2 mg/m³
sodium metasilicate: 6 mg/m³

PBT substance/s: None

vPvB substance/s: None

3.3 Additional Information:

None

4. FIRST AID MEASURES

Remove any product-contaminated clothing immediately.

4.1 After contact with eyes:

Rinse eyes with lids spread apart for several minutes under running water, and consult a physician.

4.2 After inhalation:

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



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4.3 After skin contact:

On contact with skin, wash immediately with plenty of water and soap. If skin irritation persists, consult a physician.

4.4 After ingestion:

Rinse-out mouth, followed by drinking plenty of water. Consult a physician immediately.

4.5 Notes for the physician:

Treat according to symptoms.

5. FIREFIGHTING MEASURES

5.1 Suitable fire-extinguishing agents:

Foam, CO₂, dry powder, or water spray.

5.2 Unsuitable extinguishing agents, due to safety reasons:

Solid waterjet.

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

Hazardous gases will develop with: ammonium salts, magnesium, zinc

5.4 Special protection equipment during firefighting:

5.5 Additional Information:

Use water to cool any closed containers in the vicinity of the source of the fire.

6. ACCIDENTAL RELEASE MEASURES TO BE TAKEN

6.1 Personal precautions:

Use of personal protection equipment. Keep away unprotected persons.

6.2 Measures for environmental protection:

Prevent any major quantities from entering into the soil, the aquatic environment, and drains/sewers.

6.3 Cleanup procedures:



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Use a neutralization agent. Pick-up with liquid-binding material (sand, diatomaceous earth, universal absorbent).
Dispose of contaminated material as waste according to Section 13.

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

7.1.1 Notes for safe handling:

Ensure adequate ventilation at the workplace.

7.1.2 Notes regarding fire and explosion protection:

Requires no special measures.

7.1.3 Further information:

None

7.2 Storage

7.2.1 Requirements for storage rooms and containers:

Store only in original containers. Keep container tightly closed.
Unsuitable container material: Aluminum

7.2.2 Notes regarding storage together with other materials:

Do not store together with acids.

7.2.3 Further information regarding storage conditions:

Protect against freezing.

7.2.4 Storage category:

8L

7.2.5 Specific use:

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8. CONTROL AND MONITORING OF THE EXPOSURE/PERSONAL PROTECTION EQUIPMENT

8.1 Constituents with workplace-related limit values to be monitored:

Sodium hydroxide, sodium metasilicate

8.2 Control and monitoring of the exposure at the workplace:

1310-73-2 sodium hydroxide:

PEL 2 mg/m³

10213-79-3 sodium metasilicate:

PEL 6 mg/m³

8.3 Personal protection equipment

Wash hands before breaks and at the end of work.

Do not eat, drink, or smoke during work.



8.3.1 Respiratory protection:

If ventilation is inadequate, use filter P3.

8.3.2 Protection of hands:

Alkali-resistant protective gloves.

The application of a barrier cream for preventive skin protection is recommended.

The material for gloves must be impermeable and resistant against the product / the substance / the formulation.

Glove material to be selected noting breakthrough times, permeation rates, and degradation.

8.3.3 Eye protection:

Wear close-fit safety goggles.

8.3.4 Body protection Wear protective clothing.

8.3.5 Control and monitoring of the environmental exposure:



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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

Form: liquid
Color: clear
Odor: neutral

9.2 Safety related data

Type	Value	Comments
pH (20°C)	12.6	
Melting point/range (°C)		ND
Boiling point (°C)	> 100°C	
Flashpoint (°C)		Not applicable
Explosion risk	None	Not applicable
Lower explosive limit		Not applicable
Upper explosive limit		Not applicable
Ignition temperature (°C)		Not applicable
Oxidizing properties		Not applicable
Vapor pressure (°C)		Not applicable
Density (g/cm ³)	1.14 kg/dm ³	
Bulk density (kg/m ³)		Not applicable
Solubility in water (g/l, 20°C)	Completely soluble	
Distribution coefficient n-octanol/water (K _{ow})		ND
Dynamic viscosity (mPas/20°C)		ND
Efflux time		ND
Vapor density		ND
Evaporation rate		ND
Solvent separation test		ND
Solvent content		ND
Conductivity		ND
Corrosion		ND
Miscibility		ND
Gas category		Not applicable
Autoignition temperature		Not applicable

9.3 Additional data

None



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10. STABILITY AND REACTIVITY

10.1 Conditions to be avoided:

Avoid intense heat.

10.2 Substances to be avoided:

Reacts with metals and develops hydrogen

10.3 Hazardous decomposition products:

Hydrogen

11. TOXICOLOGICAL INFORMATION

11.1 Toxicity testing

Based on the calculation method in the latest version of the general EC Classification Directive for preparations, the product comprises the following hazards:
irritant.

11.1.1 Acute toxicity	Species	Value	Method	Comments
Sodium hydroxide	Rat	2000 mg/kg	oral	
	Mouse	2,000 mg/kg	dermal	
	Mouse	40 mg/kg	inhalation	

11.1.2 Specific symptoms in animal tests

Sodium hydroxide: After ingestion: irritative
 After skin contact: irritative
 After inhalation: irritative

11.1.3 Effects from irritation/burning:

On the eye: irritant effect.
On the skin: irritant effect.
On the respiratory tract: irritant effect.

11.1.4 Sensitization

No known sensitization effects.

11.1.5 Subacute to chronic toxicity

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



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Subacute inhalative toxicity: not tested

Evaluation:
None

Comment:
None

11.1.6 Cancerogenicity, mutagenicity and reproductive toxicity

Cancerogenicity:

No information available

Mutagenicity:

No information available.

Reproductive toxicity:

No information available.

11.2 Practical experience

11.2.1 Observations relevant in terms of classification:

None

11.2.2 Additional observations:

None

11.3 General comments:

If swallowed, there is the risk of perforation of the esophagus and the stomach.

12. ECOLOGICAL INFORMATION

12.1 Eco-toxicity:

The product cannot be broken down easily. Category: WGK 1 (slightly hazardous effects in water).

Eco-toxic effect:

Trout effective concentration: 190 mg/L

Daphnia effective concentration: 10 to 100 mg/L

12.2 Mobility:

Non-volatile.



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12.3 Persistence and degradability: No data.

12.4 Bioaccumulation potential:
No data.

12.5 Results of the determination of PBT properties:
Not applicable, see Section 3.2

12.6 Additional notes
None

13. INFORMATION REGARDING DISPOSAL

13.1 Waste disposal of product:
Compliance with the applicable regulatory provisions
Switzerland: GSChV of October 28, 1998

EAK/AVV waste code:
07 00 00 Wastes from organic chemical processes
07 07 00 MFSU waste from fine chemicals and chemicals not otherwise listed.
07 07 04 Other organic solvents, washing liquids and mother liquors

13.2 Packaging:
Disposal pursuant to the regulatory provisions.
Recommended cleaning agent: water, possibly with added cleaning agents, if necessary.

13.3 Additional Information:
None

14. INFORMATION REGARDING TRANSPORTATION

14.1 Land transportation (ADR/RID/GGVSE): No information

14.2 Inland waterway transportation (ADNR): No information

14.3 Sea transport (IMDG-Code/GGVSee): not designated as a Marine pollutant

14.4 Air transport (ICAO-IATA/DGR): No information



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14.5 General information: None

15. LEGAL PROVISIONS

15.1 Safety assessment:

The product is classified and labeled pursuant to the EC Directives/GefStoffV.
Switzerland: BAG T Number: 681084, Toxicity Class 4

15.2 Labeling

Hazard symbol and hazard designation:
Not required

15.2.1 Special marking/labeling regulation for certain preparations:
Not required

15.2.2 Notes regarding labeling requirements:

R-phrases: R 34 - Causes burns
R 35 - Causes severe burns.
R20/22 - Harmful by inhalation and if swallowed.

15.3 EU Regulations

15.3.1 Special EC Regulations:
None

15.3.2 Detergents Regulation:

15.3.3 VOC Directive 1999/13/EC:

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

16. ADDITIONAL DATA

This information is furnished without warranty, expressed or implied, related to the product characteristics except that it is accurate to the best of our knowledge and constitutes no quasi-contractual relationship.

Wording of the R-phrases referred to in Section 2 and 3:
R 34 - Causes burns



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R 35 - Causes severe burns
R20/22 - Harmful by inhalation and if swallowed.

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 done prior to employment and thereafter at least once per year.

Recommended restrictions on use:

The material is normally used by certified employees of BASWA.

Additional information:

For additional information contact: msds@baswa.com (Section: 1.3).

Data Sources:

- Safety data sheets of the materials and preparations used, according to the latest version.
- TRGS 200
- Directives 67/548/EWG; 91/155/EWG; 97/69/EG; 98/8/EG; 98/24/EG; 1999/45/EG; 2004/73/EG; 2006/8/EG; 1907/2006/EG

Changes compared to the previous version:

First version after the Directive 1907/2006/EG (REACH Regulation) came into effect.
