

1 Identification of substance:

Trade name: **Baquacil Winteriser**

Article number: 11200 baq

Application of the substance / the preparation

Water treatment
Algicide

Manufacturer/Supplier:

ARCH WATER PRODUCTS FRANCE
BP 219 - 37402 Amboise Cedex - FRANCE
tel : +33 (0)2 47 23 43 00
fax : +33 (0)2 47 23 12 21

Information in case of emergency:

CALL A LOCAL NATIONAL POISON CONTROL
OR ARCH USA CHEMICALS EMERGENCY 24 HOUR TEL No. + 1-423-780-2970
FOR UK CONTACT NCEC Tel 01865 407 333

2 Composition/Data on components:

Chemical characterization

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 63449-41-2 Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides C, N; R 21/22-34-50 10-25%
EINECS: 264-151-6

CAS: 64-02-8 tetrasodium ethylenediaminetetraacetate Xn; R 22-36-52/53 2.5-10%
EINECS: 200-573-9

Additional information For the wording of the listed risk phrases refer to section 16.

3 Hazard identification

Hazard description:



C Corrosive
N Dangerous for the environment

Information concerning to particular hazards to man and environment

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 22 Harmful if swallowed.

R 34 Causes burns.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification system

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4 First aid measures

General information

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation In case of unconsciousness place patient stably in side position for transportation.

After skin contact

Rinse with warm water.

Immediately wash with water and soap and rinse thoroughly.

Immediately rinse with water.

After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing

Call for a doctor immediately.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

5 Fire fighting measures

Suitable extinguishing agents Water spray

Material Safety Data Sheet

According to 91/155 EEC

Printing date 01.12.2004

Reviewed on 20.01.2004

Trade name: **Baquacil Winteriser**

(Contd. of page 1)

Protective equipment: No special measures required.

6 Accidental release measures

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.**Measures for environmental protection:**

Keep contaminated washing water and dispose of appropriately.

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Use neutralizing agent.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

7 Handling and storage

Handling

Information for safe handling: No special measures required.**Information about fire - and explosion protection:** No special measures required.

Storage

Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:** Keep receptacle tightly sealed.

8 Exposure controls and personal protection gear

Additional information about design of technical facilities: No further data; see item 7.**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

Personal protective equipment

General protective and hygienic measures

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Respiratory protection: Not required.**Protection of hands:**

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Tightly sealed goggles.

Body protection: Protective work clothing.

9 Physical and chemical properties:

General Information

Form:

Fluid

(Contd. on page 3)

Material Safety Data Sheet

According to 91/155 EEC

Printing date 01.12.2004

Reviewed on 20.01.2004

Trade name: **Baquacil Winteriser**

(Contd. of page 2)

Colour: Light yellow
Odour: Odourless

Change in condition

Melting point/Melting range: undetermined
Boiling point/Boiling range: > 100°C

Flash point: Not applicable
Self-igniting: Product is not selfigniting.
Danger of explosion: Product does not present an explosion hazard.
Density at 20°C: 1.04 g/cm³
Solubility in / Miscibility with Water: Fully miscible
pH-value at 20°C: 4 - 5

10 Stability and reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions No dangerous reactions known

Dangerous decomposition products: No dangerous decomposition products known

11 Toxicological information

Acute toxicity:**LD/LC50 values relevant for classification:**

63449-41-2 Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides

Oral LD50 240 mg/kg (rat)

Dermal LD50 1560 mg/kg (rat)

Primary irritant effect:

on the skin: Caustic effect on skin and mucous membranes.

on the eye: Strong caustic effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

Harmful

Corrosive

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

12 Ecological information:

Ecotoxicological effects:

Remark: Very toxic for fish

General notes:

Water danger class 3 (German Regulation) (Self-assessment): extremely hazardous for water.

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Must not reach sewage water or drainage ditch undiluted or unneutralized.

Danger to drinking water if even extremely small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Very toxic for aquatic organisms

13 Disposal considerations

Product:**Recommendation**

Must be specially treated adhering to official regulations.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

(Contd. on page 4)

Material Safety Data Sheet

According to 91/155 EEC

Printing date 01.12.2004

Reviewed on 20.01.2004

Trade name: **Baquacil Winteriser**

(Contd. of page 3)

14 Transport information

Land transport ADR/RID (cross-border)



ADR/RID class: 8 Corrosive substances.
Item: C9
Danger code (Kemler): 80
UN-Number: 1760
Hazard label 8
Description of goods: 1760 Corrosive liquid, n.o.s.

Maritime transport IMDG:



IMDG Class: 8
UN Number: 1760
Label 8
Packaging group: III
EMS Number: F-A,S-B
MFAG: 760
Marine pollutant: No
Proper shipping name: Corrosive liquid, n.o.s.

Air transport ICAO-TI and IATA-DGR:



ICAO/IATA Class: 8
UN/ID Number: 1760
Label 8
Packaging group: III
Proper shipping name: Corrosive liquid, n.o.s.

15 Regulations

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials

Code letter and hazard designation of product:



C Corrosive
 N Dangerous for the environment

Hazard-determining components of labelling:

Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides

Risk phrases:

22 Harmful if swallowed.
 34 Causes burns.
 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

1/2 Keep locked up and out of the reach of children.
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 28 After contact with skin, wash immediately with plenty of water.
 29 Do not empty into drains.
 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 61 Avoid release to the environment. Refer to special instructions/safety data sheets.

(Contd. on page 5)

Material Safety Data Sheet
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Printing date 01.12.2004

Reviewed on 20.01.2004

Trade name: **Baquacil Winteriser**

(Contd. of page 4)

National regulations**Waterhazard class:** Water danger class 3 (Self-assessment): extremely hazardous for water.**16 Other information:**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R-phrases

21/22 Harmful in contact with skin and if swallowed.

22 Harmful if swallowed.

34 Causes burns.

36 Irritating to eyes.

50 Very toxic to aquatic organisms.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

