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Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 11.01.2008

Rev. Index : 7

Revision: 24.10.2007

* 1 Identification of substance:

Trade name: **BAQUACIL Chlorine/Bromine neutraliser**

Article number: 10008 baq

Application of the substance / the preparation Water treatment

Manufacturer/Supplier:

ARCH WATER PRODUCTS FRANCE

BP 219 - 37402 Amboise Cedex - FRANCE

phone : +33 (0)2 47 23 43 00

fax : +33 (0)2 47 23 12 21

mail : archwfp@archchemicals.com

Information in case of chemical emergency:

NCEC - Tel. +44 (0)208 762 8322

{N.AMERICA >>> ACEAN (Arch Chemicals Emergency Action Network) - Tel. +1 423 780 2970}

CALL A LOCAL NATIONAL POISON CONTROL UNIT

FOR UK CONTACT NCEC Tel 01865 407 333

2 Hazards identification

Hazard description: not applicable

Information concerning to particular hazards to man and environment

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system

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

GHS label elements

3 Composition/information on ingredients

Chemical characterization:

CAS No. Description:

7772-98-7 sodium thiosulphate

Identification number(s):

EINECS Number: 231-867-5

Chemical characterization

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

4 First aid measures

General information No special measures required.

After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact Immediately rinse with water.

After eye contact Rinse opened eye for several minutes (15) under running water. Then consult a doctor.

After swallowing If symptoms persist consult doctor.

5 Fire fighting measures

Suitable extinguishing agents CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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Protective equipment: No special measures required.

6 Accidental release measures

Person-related safety precautions: Not required.**Measures for environmental protection:** No special measures required.**Measures for cleaning/collecting:** Pick up mechanically.**Additional information:** No dangerous substances are released.

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: No special requirements.**Information about storage in one common storage facility:** Store away from oxidizing agents.**Further information about storage conditions:** None.

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:** Not required.**Additional information:** The lists valid during the making were used as basis.

Personal protective equipment

General protective and hygienic measures

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Filter P1.

Protection of hands:

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: Not required.

9 Physical and chemical properties:

General Information

Form:	Crystalline powder
Colour:	Clear
Odour:	Characteristic

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Change in condition**Melting point/Melting range:** 48°C**Boiling point/Boiling range:** undetermined**Flash point:** Not applicable**Ignition temperature:****Decomposition temperature:** 70°C**Self-igniting:** Product is not selfigniting.**Danger of explosion:** Product does not present an explosion hazard.**Density:** Not determined**Bulk density at 20°C:** 1.0-1.1 kg/m³**Solubility in / Miscibility with****Water:** Insoluble**pH-value (100 g/l) at 20°C:** 6.5**Organic solvents:** 0.0 %

10 Stability and reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.**Dangerous reactions** Explosive reaction with oxidizing agents such as calcium chlorate and or peroxides**Dangerous decomposition products:**

Danger of forming toxic pyrolysis products

Sulphur dioxide

11 Toxicological information

Acute toxicity:**Primary irritant effect:****on the skin:** No irritant effect.**on the eye:** No irritating effect.**Sensitization:** No sensitizing effects known.**Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

13 Disposal considerations

Product:**Recommendation**

Must be specially treated adhering to official regulations.

Smaller quantities can be disposed of with household waste.

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Uncleaned packaging:**Recommendation:** Disposal must be made according to official regulations.

14 Transport information

Land transport ADR/RID (cross-border)**ADR/RID class:** -**Maritime transport IMDG:****IMDG Class:** -**Marine pollutant:** No**Air transport ICAO-TI and IATA-DGR:****ICAO/IATA Class:** -**UN "Model Regulation":** -

15 Regulations

Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

Safety phrases:

- 2 Keep 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.
- 46 If swallowed, seek medical advice immediately and show this container or label.

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.

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)

RID: Règlement internationale concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

*** Data compared to the previous version altered.**