



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY

1.1 Product identifier

Name of product: **MagnaPool™**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Biocidal product: disinfectant for pools (TP02)

Formulation type: SG

1.3 Details of the supplier of the safety data sheet

Company Name: Zodiac Pool Care Europe

Address: Parc d'activité du Chêne – 2 rue Edison – 69500 Bron, France

Telephone: +33 (0)820 60 99 98

Contact sav@zodiac.com

1.4 Emergency telephone: +44 (0)8 45 46 47

Other emergency telephone numbers

In case of emergency, call the nearest poison control centre.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to Directives 67/548/EEC and 1999/45/EC (including amendments):

This mixture does not present a physical hazard. See recommendations regarding other products present in the same location.

This mixture does not present a hazard to health.

This mixture does not present a hazard to the environment. No harm to the environment is known or foreseeable under normal conditions of use.

2.2 Labelling elements

According to Regulation (EC) 1272/2008 (including amendments):

Hazard symbols:

None.

Risk phrases:

None.

Safety phrases:

None.

Precautionary phrases:

None.

2.3 Other hazards

This mixture contains no Substances of Very High Concern (SVHCs) published by the European Chemicals Agency according to Article 57 of the REACH Regulation (EC) 1907/2006: <http://echa.europa.eu/fr/candidate-list-table>

This mixture is not considered a PBT or vPvB mixture according to Annex XIII of the REACH Regulation (EC) 1907/2006.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

No component substance meets the descriptions in Annex II, section A, of the REACH Regulation (EC) 1907/2006.

3.2 Mixtures

Composition:

Mixture of inorganic salts. No dangerous components.

Component	CAS Number	Proportion
Magnesium Chloride Hexahydrate	7791-18-6	20-40%
Potassium Chloride	7747-40-7	60-80%

Information on ingredients:

No data.

Other data:

No data.

SECTION 4: FIRST AID MEASURES

In general, if there is any doubt or if symptoms persist, always call a doctor.

Never cause an unconscious person to ingest anything.

4.1 Description of first aid measures

Inhalation:

Transport the patient to fresh air. In case of illness, call a doctor or poison-control centre.

Contact with eyes:

Rinse abundantly with clean water for several minutes, keeping eyelids open, until the product is eliminated. Remove contact lenses if the victim is wearing any and if they may be easily removed. Continue to rinse. If pain, redness or vision impairment occur, consult an ophthalmologist.

Skin contact:

Wash skin carefully with soap and water until the product is eliminated.

Ingestion:

In case of ingestion of small quantities (no more than one mouthful), rinse the mouth out with water. In case of illness, call a doctor or a poison-control centre.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate/specific treatment:

No data available.

Information for physician:

No data available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Non-flammable.

In case of fire, use the appropriate extinguishing media.

Suitable extinguishing media

In case of fire, use:

Water spray or mist

Foam

Extinction powder

Carbon dioxide (CO₂)

Unsuitable extinguishing media

In case of fire, do not use:

Stream of water

5.2 Special hazards arising from the substance or mixture

Decomposition products do not present a health hazard.

5.3 Advice for fire-fighters

Use appropriate respiration devices.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to protection measures listed in sections 7 and 8.

For non-emergency workers

Avoid inhaling fumes.

For emergency workers

Responders will be equipped with appropriate individual protection equipment.

6.2 Environmental precautions

Place packaging for disposal of collected spillage according to current regulations.

Prevent from entering drainage systems or waterways.

6.3 Methods and material for containment and cleaning up

Collect the spilled substance. Transport for disposal. Clean. Avoid generating dust.

6.4 Reference to other sections

Refer to sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

Instructions for storage places also apply to workplaces where the mixture is handled.

7.1 Precautions for safe handling

Wash hands after each use.

Remove and wash contaminated clothing before reuse.

Fire prevention:

Do not allow access by non-authorized persons.

Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions indicated on the label as well as workplace regulations.

Carefully close opened packages and store in a vertical position.

7.2 Conditions for safe storage, including any incompatibilities

Keep packaging tightly closed in a dry environment at room temperature.

7.3 Specific end use(s)

This mixture of minerals is intended for the production of active chlorine by the process of electrolysis, for the disinfection of pools (biocidal product TP02).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Workplace exposure limit:

Does not contain substances with workplace exposure limits.

Biological limit:

No data available.

8.2 Exposure controls

Appropriate engineering controls

No data available.

Individual protection measures, such as personal protection equipment

No personal protection equipment is necessary during occasional handling of small quantities.

- Eye/face protection:

Avoid eye contact.

- Hand protection:
Avoid contact with hands.
- Skin protection:
Avoid contact with skin.
- Respiratory protection:
Avoid inhaling dust.
- Thermal hazards:
Not applicable.

Environmental exposure controls:
No data available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General information

Physical state:	Crystal solid
Odour:	None
Colour:	White

Important information for health, safety and the environment

pH:	Not applicable.
Melting point:	120°C
Initial boiling point and boiling range:	Not applicable.
Flash point:	Not applicable.
Evaporation rate:	Not applicable.
Flammability:	Non-flammable.
Upper/lower flammability limits:	Not applicable.
Upper/lower explosiveness limits:	Not applicable.
Vapour pressure:	Not applicable.
Vapour density:	Not applicable.
Density:	1.8
Solubility:	Water-soluble.
Partition coefficient (n-octanol/water):	Not applicable.
Auto-ignition temperature:	Not applicable.
Decomposition temperature:	Undetermined.
Viscosity	Not applicable.
Explosive properties:	Non-explosive
Oxidative properties:	Undetermined.

9.2 Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

This mixture is stable under handling and storage conditions recommended in section 7.

10.3 Possibility of hazardous reactions

When exposed to high temperatures, the mixture does not produce hazardous decomposition products.

10.4 Conditions to avoid

Humidity.

10.5 Incompatible materials

Strong acids.

10.6 Hazardous decomposition products

None.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

This mixture does not present a hazard to health.

Acute toxicity:

No experimental data on this mixture is available.

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

No data available.

Respiratory or skin sensitisation:

No data available.

Germ cell mutagenicity:

No data available.

Carcinogenicity:

No data available.

Reproduction toxicity:

No data available.

Specific target organ toxicity - single exposure:

No data available.

Specific target organ toxicity - repeated exposure:

No data available.

Aspiration hazard:

No data available.

Symptoms linked to physical, chemical and toxicological characteristics:

No data available.

Delayed, immediate and chronic effects of short and long-duration exposure:

No data available.

Interactive effects:

No data available.

Absence of specific data:

No data available.

Other information:

No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Mixture

No experimental data on this mixture is available.

This mixture does not present a hazard to the environment. No harm to the environment is known or foreseeable under normal conditions of use.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Appropriate management of mixture waste and/or its container must be determined according to the provisions of Directive 2008/98/EC.

13.1 Waste treatment methods

Do not discharge into drainage systems or waterways.

Waste:

Waste management is accomplished without endangering human health and without damaging the environment, in particular without creating hazards for water, air, soil, animals and plants.

Recycle or dispose of according to current legislation, preferably by a waste collector or approved company.

Do not contaminate soil or water with waste, do not dispose of in the environment.

For contaminated packaging material:

Empty the container completely. Leave label(s) on the container.

Transfer to an approved waste-disposal entity.

Local provisions:

Regulation of waste is codified in the French Environment Code, in Ordinance 2000-914 of 18/09/2000 on the Legislative part of the Environmental Code.

This includes Article L. 541-1 to Article L. 541-50, in Volume V (Prevention of pollution, risks and hazards), Title IV (Waste), Chapter I (Disposal of waste and collection of materials).

SECTION 14: TRANSPORT INFORMATION

This product does not require classification or labelling for transport.

Transport the product according to ADR provisions by road, RID provisions by rail, IMDG provisions by sea, and ICAO/IATA provisions by air (ADR 2013 - IMDG 2012 - ICAO/IATA 2013).

SECTION 15: REGULATORY INFORMATION

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

- Specific provisions:

No data available.

15.2 Chemical safety assessment

No data available.

SECTION 16: Other information:

As we are not familiar with the user's working conditions, the information provided in this safety data sheet is based on our knowledge and on national as well as community regulations.

Do not use the mixture in ways not specified under Section 1 without having obtained written handling instructions beforehand.

It is always the user's responsibility to take all necessary measures to conform to local laws and regulations.

The information provided in this safety data sheet must be considered a description of safety necessities for this mixture, and not a guarantee of its properties.

Labelling elements in accordance with Directives 67/548/EEC and 1999/45/EC (including amendments):

Hazard symbol:

None.

Risk phrases:

None.

Safety phrases:

None.

Abbreviations:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road (French: *Accord européen relatif au transport international de marchandises Dangereuses par la Route*)

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization

RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail

Revision:

A vertical line in the left margin indicates a modification of the previous version.