



Safety data

according to 1907/2006 / EC, Article 31

Printing date: 20.09.2019

Rev. Index: 25

Revision date: 20.09.2019

SECTION 1: Identification of the substance / the company

age and society /

1.1 Product identifier

Product name hthSpa™ GLOWING WATER 3 IN 1

Product code 11101 hthSpa
UFI DHR0-U0N8-A00Y-D1X3

1.2 Relevant identified uses of the subs advised against tance or mixture and uses

Sector of use

SU21 Consumer uses: Private households / general public / consumers

Product category

PC37 Water treatment chemicals Biocidal
PC8 products

Application of the substance / the preparation Algicide

1.3 Information concerning the supplier of the safety data
Producer / 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

framsds-reach.france.euwater@lonza.com

1.4 Emergency telephone number:

Europe >>> NCEC - Tel. +44 (0) 1235 239 670

France - INRS - ORFILA number: 01 45 42 59 59

(continued on page 2)
FR

Safety data

according to 1907/2006 / EC, Article 31

Printing date: 20.09.2019

Rev. Index: 25

Revision date: 20.09.2019

Product Name hthSpa™ GLOWING WATER 3 IN 1

Switzerland - For all medical information, emergency number of Tox Info Suisse "145" (+41 44 251 51 51). (continued from page 1)

Africa & Middle East >>> NCEC - Tel. +44 (0) 1235 239 671

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

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

GHS09 environment

Aquatic Acute 1 H400 Very toxic to aquatic organisms.

Aquatic Chronic 1 H410 Very toxic to aquatic life with effects
long-term detrimental effects.

2.2 Label elements**Labeling according to regulation (EC) n ° 1272/2008**

The product is classified and labeled according to the CLP regulation.

Hazard pictograms

GHS09

Signal word Hazard Warning
statements

H410 Very toxic to aquatic life with long lasting effects. P101

Precautionary advice

If medical advice is needed, keep the container or label at hand.

P102

Keep out of the reach of children.

P103

Carefully read and follow all instructions. Avoid release into
the environment.

P273

P302 + P352

IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water
for several minutes. Remove contact lenses if the victim is wearing them and
they can be easily removed. Continue to rinse.

P332 + P313

In case of skin irritation: consult a doctor.

P362 + P364

Take off contaminated clothing and wash it before reuse. If eye

P337 + P313

irritation persists: get medical attention.

P391

Collect the spilled product.

P501

Dispose of contents / container to a special treatment center in accordance
with legal regulations.

2.3 Other dangers**Results of PBT and vPvB assessment**

PBT: Not applicable.

(continued on page 3)

FR

Safety data

according to 1907/2006 / EC, Article 31

Printing date: 20.09.2019

Rev. Index: 25

Revision date: 20.09.2019

Product Name hthSpa™ GLOWING WATER 3 IN 1

vPvB: Not applicable.

(continued from page 2)

SECTION 3: Composition / information on compounds**3.2 Chemical characterization: Mixtures****Description:**

Mixture made from the materials mentioned below and with non - hazardous additives

Hazardous components:

CAS: 25988-97-0 Polymer	Polymerized quaternary ammonium chloride ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302	10- <25%
CAS: 7722-84-1 EINECS: 231-765-0	hydrogen peroxide solution ⚠ Ox. Liq. 1, H271; Skin Corr. 1A, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Aquatic Chronic 3, H412	0.1- <2.5%

Additional indications:

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

SECTION 4: First aid measures**4.1 Description of first aid measures****General remarks :** Immediately remove any clothing contaminated by the product.**after inhalation:**

If unconscious, lay and transport the person in a stable lateral position.

after contact with the skin:

Rinse with hot water

Immediately wash with soap and water and rinse well. Wash off immediately with water.

after contact with the eyes:

Wash with water, keeping the eyelids apart for several minutes. If symptoms persist, consult a doctor.

after ingestion: If symptoms persist, consult a doctor.**4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available. No

4.3 Indication of any immediate medical attention and special treatment needed

further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Extinguishing media:**

Water jet

Adapt the protective measures in fire fighting to the environment.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters**Special protective equipment:** No special measures are required.

FR

(continued on page 4)



Safety data
according to 1907/2006 / EC, Article 31

Printing date: 20.09.2019

Rev. Index: 25

Revision date: 20.09.2019

Product Name hthSpa™ GLOWING WATER 3 IN 1

(continued from page 3)

SECTION 6: Measures to be taken in case of release accidental

6.1 Personal precautions, protective equipment emergency procedures and procedures
Not necessary.

6.2 Environmental protection precautions nt:
Retain polluted washing water and dispose of it. Do not discharge into the sewer or into the natural environment.

In case of entry into water or sewers, notify the competent authorities.

6.3 Methods and material for containment and cleaning up:
Collect the liquids using an absorbent product (sand, kieselguhr, acid neutralizer, universal binder, sawdust).
Dispose of contaminated material as waste according to item 13.


6.4 Reference to other sections
For information on safe handling, see chapter 7
For information on personal protective equipment, see chapter 8

For information on disposal, see chapter 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling
No special measures are necessary in case of proper use

Handling :

 NEVER MIX WITH ANY OTHER PRODUCT DO NOT DILUTE BEFORE USE

Protection against fires and explosions: No special measures are required.

7.2 Conditions for safe storage, including vent such incompatibilities

Storage: Requirements for storage rooms and containers ckage:

Store only in the original, unopened drum. Not necessary

Information about storage in one common storage facility: Further information about storage conditions:

Keep packaging hermetically sealed
7.3 Specific end use (s) No further relevant information available.

SECTION 8: Exposure controls / protection in individual

Additional information for the arrangement of i technical installations:
Without further indication, see point 7.

8.1 Control parameters

Components with threshold values that must be monitored	r per workstation:
CAS: 7722-84-1 hydrogen peroxide solution	
VME (France) Long term value: 1.5 mg / m ³ , 1 ppm	

Additional remarks:
This document is based on the lists in effect at the time of its preparation.

(continued on page 5)

FR



Safety data

according to 1907/2006 / EC, Article 31

Printing date: 20.09.2019

Rev. Index: 25

Revision date: 20.09.2019

Product Name hthSpa™ GLOWING WATER 3 IN 1

(continued from page 4)

8.2 Exposure controls Personal protective equipment: General protective and hygienic measures:

Keep away from food, drink and animal feed. Immediately take off dirty or humid clothes.

Wash hands before breaks and at the end of work. Avoid contact with eyes and skin

Respiratory protection: Not necessary.

Hand protection:

Protective gloves.

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

Due to lack of testing 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.

Gloves material

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and may vary from manufacturer to manufacturer. Since the product represents a preparation composed of several substances, the resistance of the glove materials cannot be calculated in advance and must therefore be checked before use.

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 protective goggles.

SECTION 9: Physical and chemical properties**9.1 Information on physical and chemical properties essential imics****General information.****Aspect:**

Form :	liquid
Color :	green
Smell :	characteristic
Odor threshold:	Not determined.
pH value at 20 ° C:	4.7
Condition change	
Melting point:	- 5 ° C
Boiling point:	not determined
Flash point:	not applicable
Flammability (solid, gaseous):	Not applicable.

(continued on page 6)

FR

Safety data

according to 1907/2006 / EC, Article 31

Printing date: 20.09.2019

Rev. Index: 25

Revision date: 20.09.2019

Product Name hthSpa™ GLOWING WATER 3 IN 1

(continued from page 5)

Decomposition temperature:	Not determined.
Self-ignition:	The product does not ignite spontaneously.
Danger of explosion:	The product is not explosive.
Explosion limits:	
lower:	Not determined.
upper:	Not determined.
Vapor pressure at 20 ° C:	23 hPa
Density:	not determined
Relative density:	Not determined.
Vapor density:	Not determined.
Evaporation rate:	Not determined.
Solubility in / Miscibility with	
the water :	not or not very miscible
Partition coefficient (n-octanol / water):	Not determined.
Viscosity:	
dynamic:	Not determined.
cinematic :	Not determined.
Solvent content:	
water :	80.6%
Solids content:	0.0%
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity**10.1 Reactivity** No further relevant information available.**10.2 Chemical stability****Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known**10.4 Conditions to avoid** No further relevant information available.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:**

No dangerous decomposition products known

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity:**

Based on the available data, the classification criteria are not met.

LD / LC50 values decisive for the classification	not :
CAS: 25988-97-0 Poly Quaternary Ammonium Chloride	deserved
Oral	LD50 1.865 mg / kg (rat)

(continued on page 7)

FR



Safety data

according to 1907/2006 / EC, Article 31

Printing date: 20.09.2019

Rev. Index: 25

Revision date: 20.09.2019

Product Name hthSpa™ GLOWING WATER 3 IN 1

(continued from page 6)

Dermal LD50 > 2,000 mg / kg (rabbit)

CAS: 66669-53-2 Tetrasodium salt of 2-phosph acid tricarboxylic ono-1,2,4-butane

Oral LD50 > 2,000 mg / kg (rat)

Dermal LD50 > 4.000 mg / kg (rat)

Primary irritant effect:**on the skin:**

Based on the available data, the classification criteria are not met. Based on the available data, the classification criteria are not met.

Based on the available data, the classification criteria are not met. Based on the available data, the classification criteria are not met.

Sensitization :

criteria are not met.

CMR effects (carcinogenicity, mutagenicity and a reproduction)**toxicity for germ cell mutagenicity**

Based on the available data, the classification criteria are not met. Based on the available data, the classification criteria are not met.

Carcinogenicity

Based on the available data, the classification criteria are not met. Based on the available data, the classification criteria are not met.

Reproductive toxicity

Based on the available data, the classification criteria are not met.

Specific target organ toxicity -**unique exhibition**

Based on the available data, the classification criteria are not met. Based on the available data, the classification criteria are not met.

Specific target organ toxicity -**repeated exposure**

Based on the available data, the classification criteria are not met.

Aspiration hazard**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:****CAS: 25988-97-0 Poly Quaternary Ammonium Chloride** deserved

Oral LC50 - 96 hrs 0,077 mg / l (rainbow trout) (OECD Test Guideline 203)

EC50 - 48 hrs 0,084 mg / l (daphne magna) (OECD Test Guideline 202)

12.2 Persistence and degradability No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**Ecotoxic effects:****Remark :** Very toxic to fish.**Additional ecological****information: General notes:**

In water, also toxic to fish and plankton. Very toxic to aquatic organisms.

12.5 Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.

FR

(continued on page 8)

Safety data

according to 1907/2006 / EC, Article 31

Printing date: 20.09.2019

Rev. Index: 25

Revision date: 20.09.2019

Product Name hthSpa™ GLOWING WATER 3 IN 1

(continued from page 7)

SECTION 13: Disposal considerations**we****13.1 Waste treatment methods****Recommendation:**

Must receive special treatment in accordance with legal requirements.
Should not be disposed together with household waste. Do not allow to enter drains.

Uncleaned packaging:**Recommendation :** Disposal according to official regulations.**SECTION 14: Transport information****14.1 UN number**

ADR, IMDG, IATA

UN3082

14.2 UN proper shipping name ADR

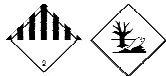
3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS (Polymerized Quaternary Ammonium Chloride)

IMDG

ENVIRONMENTALLY HAZARDOUS OR SUBSTANCE, LIQUID, NOS (Polymerised quaternary Ammonium compound), MARINE POLLUTANT

IATA

ENVIRONMENTALLY HAZARDOUS OR SUBSTANCE, LIQUID, NOS (Polymerised quaternary Ammonium compound)

14.3 Danger class (es) for ADR transport**Class
Label**

9 (M6) Miscellaneous dangerous substances and articles. 9

IMDG, IATA**Class
Label**

9 Miscellaneous dangerous substances and articles. 9

14.4 Packing group ADR,

IMDG, IATA

III

**14.5 Environmental hazards:
Marine pollutant:**

Yes

Symbol (fish and tree) Symbol (fish and tree) Symbol (fish and tree)

Special marking (ADR):**Special marking (IATA):****14.6 Special precautions to be taken by the user**

Warning: Miscellaneous dangerous substances and objects. 90

Kemler index:**EMS No:**

FA, SF

(continued on page 9)

FR

Safety data
according to 1907/2006 / EC, Article 31

Printing date: 20.09.2019

Rev. Index: 25

Revision date: 20.09.2019

Product Name hthSpa™ GLOWING WATER 3 IN 1

(continued from page 8)

Stowage Category AT
14.7 Transport in bulk according to Annex II of the Marpol Convention and the IBC Code Not applicable.

Additional transport information:

ADR
Excepted quantities (EQ): E1
Limited quantities (LQ) 5L
Excepted quantities (EQ) Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

Transport category 3
Tunnel restriction code E

IMDG
Limited quantities (LQ) 5L
Excepted quantities (EQ) Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulations": UN 3077 / UN 3082 - These substances, when carried in single or combination packagings containing a net quantity per single or inner packaging less than or equal to 5 l for liquids or having a net mass per single or inner packaging less or equal to 5 kg for solids, are not subject to any other provision provided that the packaging complies with the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8 UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N. S. AT . (POLYMERIZED QUATERNARY CHLORURED AMMONIUM), 9, III

SECTION 15: Regulatory information

tion

REGULATION (EU) No 528/2012
Best before: see date on packaging
After rinsing in swimming pool water, this packaging can be handed over to the recycling industry.
15.1 Regulations / legislation specific to safety, health and the environment **substance or mixture in**

Directive 2012/18 / EU
Designated hazardous substances - SCHEDULE I None of the components are included.
Category SEVESO E1 Danger to the aquatic environment
Threshold quantity (tonnes) for the application of the requirements **Ences relating to the low threshold** 100 t
Threshold quantity (tonnes) for the application of the requirements **Ences relating to the high threshold** 200 t

(continued on page 10)

FR



Safety data

according to 1907/2006 / EC, Article 31

Printing date: 20.09.2019

Rev. Index: 25

Revision date: 20.09.2019

Product Name hthSpa™ GLOWING WATER 3 IN 1**REGULATION (EC) N ° 1907/2006 ANNEX XVII** Limitation conditions: 3

(continued from page 9)

National regulations:**Other regulations, restrictions and regulations** prohibition

ICPE section (s) concerned: 4510

15.2 Chemical safety assessment:

A chemical safety assessment has not been carried out.

SECTION 16: Other information

These indications are based on the current state of our knowledge, but do not constitute a guarantee as to the properties of the product and do not give rise to a contractual legal relationship.

Important phrases

H271 May cause fire or explosion; powerful oxidizer. H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage. H332 Harmful by inhalation.

H400 Very toxic to aquatic organisms.

H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

Information relating to Detergents Regulation 648 / 2004 / EC

This product is not a detergent it is a disinfectant (biocide)

Acronyms and abbreviations:

RID: International regulations concerning the transport of dangerous goods by rail ICAO: International Civil Aviation Organization

ADR: European Agreement on the Transport of Dangerous Goods by Road IMDG:

International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS:

European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50:

Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB:

very Persistent and very Bioaccumulative Ox. Liq.

1: Oxidizing liquids - Category 1 Acute Tox. 4:

Acute toxicity - Category 4

Skin Corr. 1A: Skin corrosion / irritation - Category 1A

Aquatic Acute 1: Hazards for the aquatic environment - acute toxicity for the aquatic environment - Category 1 Aquatic

Chronic 1: Hazards for the aquatic environment - long-term toxicity for the aquatic environment - Category 1 Aquatic Chronic

3: Hazards for the aquatic environment - long-term toxicity to the aquatic environment - Category 3

* **Data modified compared to the previous version**

FR

