

SAFETY DATA SHEET

Regulation (EC) No 1907/2006 (REACH) &
COMMISSION REGULATION (EU) 2020/878

Version 1
Product Name SWIMMING POOL TEST KIT-PHENOL RED SOLUTION

Issue Date 31-Aug-2023
Revision date 31-Aug-2023

SECTION 1: Identification of the substance /mixture and of the company/undertaking

1.1. Product identifier

Product Name SWIMMING POOL TEST KIT-PHENOL RED SOLUTION
REACH registration number No information available

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

Recommended Use Test pH
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Supplier Ningbo Dongchuan Swimming Pool Equipment Co.,Ltd.
Address No.3 Xiling Industrial Park, Xiaowangmiao Sub-district,
Fenghua District,Ningbo, China
Postal Code 315599
Phone +86-574-88159776
FAX
E-mail jerry@chinapools.cn

Importer
Address
Postal Code
Phone
FAX
E-mail

1.4. Emergency telephone number

+86-574-88159776

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified.

2.2. Label elements

Symbols/Pictograms None
Signal word None
Hazard Statements Not applicable
Precautionary Statements Not applicable
EU Specific Hazard Statements None.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1 Mixture

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	231-791-2	7732-18-5	99-100	Not classified
Phenol Red	205-609-7	143-74-8	0-1	Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Inhalation

Not an expected route of exposure. Get medical advice/attention if you feel unwell.

Skin Contact

Wash off with water. If skin irritation persists, call a physician.

Eye contact

Not an expected route of exposure. Get medical advice/attention if you feel unwell.

Ingestion

Rinse mouth. Get medical attention. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

No information available.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors: oxides of carbon.

5.3. Advice for firefighters

Evacuate personnel to safe areas. Move containers from fire area if you can do it without risk. Cool drums with water spray. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Stay upwind. Ensure adequate ventilation, especially in confined areas.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Avoid contact with skin, eyes and inhalation of vapors. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

6.2. Environmental precautions

Local authorities should be advised if significant spillages cannot be contained. Prevent entry into waterways, sewers, basements or confined areas.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

6.4. Reference to other sections

See Section 7 for more information
See section 8 for more information
See section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition. Keep locked up and out of reach of children. Keep away from food, drink and animal feeding stuffs. Store in accordance with local regulations.

7.3. Specific end use(s)

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Not established

Derived No Effect Level (DNEL)

No information available

Predicted No Effect Concentration (PNEC)

No information available

8.2. Exposure controls

Engineering Controls

Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition.

Personal protective equipment

Eye/face protection	Avoid contact with eyes.
Hand Protection	Wear protective gloves.
Skin and body protection	No special technical protective measures are necessary.
Respiratory protection	Ensure adequate ventilation, especially in confined areas.

Environmental exposure controls

Prevent entry into waterways, sewers, basements or confined areas.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Color	Red, Orange
Odor	Odorless

Odor Threshold	Not determined
pH	7.2
Melting point/freezing point	<0 °C
Boiling point / boiling range	Not available
Flash point	Not applicable
Evaporation rate	Not determined
Flammability (solid, gas)	Non-flammable
Explosive limits	Not applicable
Flammability Limit in Air	Not determined
Vapor Pressure	Not determined
Vapor density	Not applicable
Density	ca. 1 g/cm ³
Relative density	Not determined
Bulk density	Not determined
Specific gravity	Not determined
Water solubility	Product is water solution
Partition coefficient (LogPow)	Not determined
Autoignition temperature	Not applicable
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic viscosity	Not determined
Explosive properties	Not an explosive
Oxidizing properties	Not determined

9.2. Other information

No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under recommended storage and handling conditions (see SECTION 7, handling and storage).

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Strong heating and incompatible material.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Thermal decomposition can lead to carbon oxides, etc.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation

May cause eye irritation in susceptible persons.

Sensitization

No sensitization responses were observed.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Reproductive toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Aspiration hazard

No information available.

SECTION 12: Ecological information**12.1. Toxicity**

No data available

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: Transport information

- 14.1. UN number Not regulated
- 14.2. UN proper shipping name Not regulated
- 14.3. Transport hazard class(es) Not regulated
- 14.4. Packing group Not regulated
- 14.5. Environmental hazards Non-marine pollutant
- 14.6. Special precautions for user No information available
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

SECTION 15: Regulatory information

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

European Union

Component	EINECS/ELINCS	SVHC candidates	RESTRICTIONS - REACH TITLE VIII
Water 7732-18-5 (99%-100%)	X	-	-
Phenol Red 143-74-8 (0-1%)	X	-	-

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

International Inventories

Component	TSCA	DSL/NDSL	ENCS	IECSC	KECL	PICCS	AICS
Water 7732-18-5 (99%-100%)	X	X	Exempt	X	X	X	X
Phenol Red 143-74-8 (0-1%)	X	X	X	X	X	X	X

"-" Not Listed

"X" Listed

15.2. Chemical safety assessment

No information available.

SECTION 16: Other information

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

- Issue Date 31-Aug-2023
- Revision date 31-Aug-2023
- Revision Note Not applicable

Key or legend to abbreviations and acronyms used in the safety data sheet

- TWA - TWA (time-weighted average)
- STEL - STEL (Short Term Exposure Limit)
- Ceiling - Maximum limit value

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

Key literature references and sources for data

ECHA: <http://echa.europa.eu/>

IFA GESTIS: [http://gestis-en.itrust.de/nxt/gateway.dll?f=templates\\$fn=default.htm\\$vid=gestiseng:sdbeng](http://gestis-en.itrust.de/nxt/gateway.dll?f=templates$fn=default.htm$vid=gestiseng:sdbeng)

HSDB: <http://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm>

Full text of H-Statements referred to under section 3

Not classified

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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