
SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: **Gel Cubes**
Datasheet Number: 045 1. 0. 0

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

Pool / spa treatment

1.3 Details of the supplier of the safety data sheet

Name of Supplier: Plastica Ltd
Address of Supplier: Perimeter House
Napier Road
St Leonards-on-Sea
East Sussex TN38 9NY
United Kingdom
Telephone: +44 (0) 1424 857857
Fax:
Responsible Person:
Email: info@plasticapools.com

1.4 Emergency telephone number

0800 043 0891 - Technical
0800 043 0892 - Emergency

2 Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Skin Sens. 1, H317
- Eye Irrit. 2, H319
- STOT SE 3, H335
- Aquatic Chronic 3, H412
- Classification (67/548/EEC, 1999/45/EC)
- Xi; R36/37
- Xi; R43
- R52/53
- Additional information: For full text of R-phrases and Hazard- and EU Hazard-statements: see section 16

2.2 Label elements



- Signal Word: Warning
- Symbols: GHS07

2 Hazards identification (....)

Hazard phrases

- May cause an allergic skin reaction.
- Causes serious eye irritation.
- May cause respiratory irritation.
- Harmful to aquatic life with long lasting effects.

Precautionary Phrases

- Keep out of reach of children.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF ON SKIN: Wash with plenty of soap and water.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII

3 Composition/information on ingredients

3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
Cationic quarternary amine polymer	<35%	26062-79-3		H412 R52/53	
2-methyl-2H-isothiazol-3-one	<0.1	2682-20-4	220-239-6	H301, H311, H314 H317, H318, H335 H400 R24/25, R34 R37, R41, R43 R50	GHS05, GHS06, GHS07 GHS09 T, C, Xi, N

*See Section 16

4 First aid measures

4.1 Description of first aid measures

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Get medical advice/attention if you feel unwell.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- Wash with plenty of soap and water.
- If skin irritation or rash occurs: Get medical advice/attention.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Irrigate eyes thoroughly whilst lifting eyelids
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- Call a POISON CENTER or doctor/physician if you feel unwell.

4 First aid measures (....)

4.2 Most important symptoms and effects, both acute and delayed

- May cause allergic reaction in susceptible people
- May cause redness and irritation

4.3 Indication of immediate medical attention and special treatment needed

- Treat symptomatically

5 Fire-fighting measures

5.1 Extinguishing media

- In case of fire: use water, foam or dry agent for extinction
- Use water to cool containers exposed to fire.

5.2 Special hazards arising from the substance or mixture

- Gives off irritating or toxic fumes (or gases) in a fire.

5.3 Advice for firefighters

- Special protective equipment:
Wear self-contained breathing apparatus (SCBA). Wear full protective clothing including chemical protection suit.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Avoid breathing vapours, mist or gas
- Spillage causes slippery surface

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses
- Contain spillage by any means possible
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Absorb spillage in dry sand
- Collect as much as possible in clean container for reuse or disposal
- Flush spill area with copious amounts of water

6.4 Reference to other sections

- See Section 7 & 8

7 Handling and storage

7.1 Precautions for safe handling

- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Avoid contact with skin and eyes.
- Wash thoroughly after handling.
- Ensure adequate ventilation

7 Handling and storage (....)

7.2 Conditions for safe storage, including any incompatibilities

- Store in a dry place. Store in a closed container.
- Store in a well-ventilated place. Keep cool.
- Keep in an area equipped with impermeable flooring.
- Keep away from foodstuff.
- Keep away from oxidising substances
- Avoid contact with combustible material

7.3 Specific end use(s)

- No information available.

8 Exposure controls/personal protection

8.1 Control parameters

- No information available

8.2 Exposure controls

- Engineering controls should be provided to prevent the need for ventilation

Occupational exposure controls

- In case of inadequate ventilation wear respiratory protection.
- In case of intensive or longer exposure use self-contained respiratory protection device.
- Wear safety glasses approved to standard EN 166.
- When handling this substance, e.g. sampling, wear goggles giving complete eye protection
- Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
- Wear apron or other light protective clothing



Respirator



Goggles



Gloves



Suit

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Barely perceptible odour
- Appearance: blue, gel
- pH 5
- Boiling point 100 °C
- Vapour pressure - not known
- Vapour density - not known
- Melting point - not applicable
- Miscible
- Fat solubility - not known
- Specific gravity (water=1) 1
- Not flammable
- Partition coefficient : n-Octanol/water - not known

9 Physical and chemical properties (....)

- Evaporation rate - not known
- Viscosity - not known

9 .2 Other information

- No information available

10 Stability and reactivity

10 .1 Reactivity

- Stable under normal conditions

10 .2 Chemical stability

- No decomposition if stored normally.

10 .3 Possibility of hazardous reactions

- Stable under normal conditions

10 .4 Conditions to avoid

- No information available

10 .5 Incompatible materials

- Incompatible with oxidizing substances
- Incompatible with combustible material

10 .6 Hazardous Decomposition Products

- Decomposition products may include toxic and irritant fumes
- Decomposition products may include nitrogen and carbon oxides

11 Toxicological information

11 .1 Information on toxicological effects

- No information available

Inhalation

- May cause respiratory tract irritation.

Contact with skin

- Causes redness and irritation
- May cause dermatitis
- Contains 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

Contact with eyes

- Causes redness and irritation

Ingestion

- May cause irritation of the throat

Carcinogenicity

- No information available

11 Toxicological information (....)

Teratogenicity

- No information available

Mutagenicity

- No information available

12 Ecological information

12 .1 Toxicity

- LC50 (Fathead minnow) >1000 mg/l (48hr)

12 .2 Persistence and degradability

- No information available

12 .3 Bioaccumulation Potential

- No information available

12 .4 Mobility in soil

- No information available

12 .5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII

12 .6 Other Adverse Effects

- No information available

13 Disposal considerations

13 .1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Uncontaminated material may be returnable. Contact supplier
- Do not discharge into drains or the environment, dispose to an authorised waste collection point
- This material and/or its container must be disposed of as hazardous waste.

Classification

- UK Waste Codes: Refer to EWC.
- Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority.

14 Transport information

14.1 UN Number

N/A

14.2 UN Proper Shipping Name

NOT CLASSIFIED FOR TRANSPORT

14 Transport information (....)

14.3 Transport hazard class(es)

N/A

14.4 Packing group

N/A

14.5 Environmental hazards

- Harmful to aquatic life with long lasting effects.

14.6 Special precautions for user

- See Section 7

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

Other information

Road/Rail (ADR/RID)

Proper Shipping Name: N/A

ADR Hazard Class:

Tunnel Code:

ADR UN No.:

ADR Packing Group:

Sea (IMDG)

Proper Shipping Name: N/A

IMDG Hazard Class.:

IMDG UN No.:

IMDG Pack Group.:

Air (ICAO/IATA)

Proper Shipping Name: N/A

ICAO Hazard Class.:

ICAO Un No.:

ICAO Packing Group.:

15 Regulatory information

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

- This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006

15.2 Chemical Safety Assessment

No information available

16 Other information

Text of R and S phrase codes used in this safety data sheet:- H301: Toxic if swallowed.; H311: Toxic in contact with skin.; H314: Causes severe skin burns and eye damage.; H317: May cause an allergic skin reaction.; H318: Causes serious eye damage.; H335: May cause respiratory irritation.; H400: Very toxic to aquatic life.; H412: Harmful to aquatic life with long lasting effects.; R24/25: Toxic in contact with skin and if swallowed; R34: Causes burns; R37: Irritating to respiratory system; R41: Risk of serious damage to eyes; R43: May cause sensitisation by skin contact; R50: Very toxic to aquatic organisms; R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

This 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. Such information is, to the best of PLASTICA'S limited knowledge and belief, accurate, and reliable as of the date of authorisation of this safety data sheet.

However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to be satisfied as to the suitability and completeness of such information for the product as used.

Version 1.0