
SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: **Multi-Pool Granules**
Datasheet Number: 002 1. 1. 0
Chemical Name: Solid containing a chlorinated triazine

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

09062 655005

2 Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Acute Tox. 4, H302
- Eye Irrit. 2, H319
- STOT SE 3, H335
- Aquatic Acute 1, H400
- Aquatic Chronic 1, H410
- EUH031
- Classification (67/548/EEC, 1999/45/EC)
- Xn; R22
- R31
- Xi; R36/37
- N; R50/53
- Additional information: For full text of R-phrases and Hazard- and EU Hazard-statements: see section 16

2.2 Label elements



2 Hazards identification (....)

- Signal Word: Warning
- Symbols: GHS07, GHS09

Hazard phrases

- Harmful if swallowed.
- Causes serious eye irritation.
- May cause respiratory irritation.
- Very toxic to aquatic life with long lasting effects.
- Contact with acids liberates toxic gas.

Precautionary Phrases

- Store locked up/Keep out of reach of children.
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- In case of fire: Do not breathe dust/fume/gas/mist/vapours/spray.
- Dispose of contents/container in accordance with local/regional/national/international regulations.
- Avoid release to the environment.

2.3 Other hazards

- Marine pollutant

3 Composition/information on ingredients

3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
Sodium Dichloroisocyanurate Dihydrate	>90%	51580-86-0	220-767-7	H302, H319, H335, H400, H410, EUH031, R22, R31, R36/37, R50/53	GHS07, GHS09, Xn, N
Copper Sulphate	<1%	7758-98-7	231-847-6	H302, H315, H319, H400, H410, R22, R36/38, R50/53	GHS07, GHS09, Xn, 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.
- 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 SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- Give plenty of water to drink

4 First aid measures (....)

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes
- Causes irritation
- Causes nausea/vomiting
- Causes burning sensation

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 for extinction

5.2 Special hazards arising from the substance or mixture

- See Section 10.6

5.3 Advice for firefighters

- Wear protective clothing as per section 8
- In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Shut off all ignition sources

6.2 Environmental Precautions

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

6.3 Methods and material for containment and cleaning up

- 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 contact with combustible material
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Ensure adequate ventilation

7.2 Conditions for safe storage, including any incompatibilities

- Store away from other materials.
- Store in a dry place. Store in a closed container.
- Store in a well-ventilated place. Keep cool.

7 Handling and storage (....)

- Protect from moisture.
- Keep away from acid.

7.3 Specific end use(s)

- No information available.

8 Exposure controls/personal protection

8.1 Control parameters

Sodium DichloroisocyanurateDihydrate

- WEL (short term) 0.5 ppm
- WEL (short term) 1.5 mg/m³

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.
- Wear rubber gloves
- When handling this substance, e.g. sampling, wear goggles giving complete eye protection
- 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: chlorine
- Appearance: Solid- white granules
- Boiling point - not applicable
- Vapour pressure - not applicable
- Vapour density - not known
- Melting point 240-250 deg C with decomposition
- Specific gravity - not known
- Flash point >150 deg C (CC)
- Partition coefficient : n-Octanol/water - not known
- Evaporation rate - not known
- Viscosity - not applicable

9.2 Other information

- No information available

10 Stability and reactivity

10 .1 Reactivity

- Warning! Do not use together with other products. May release dangerous gases (chlorine).

10 .2 Chemical stability

- Decomposes above 240-250 °C
- No decomposition if stored normally.

10 .3 Possibility of hazardous reactions

- Contact with acids liberates toxic gas.

10 .4 Conditions to avoid

- Avoid contact with water
- Keep away from heat and sources of ignition

10 .5 Incompatible materials

- Incompatible with acids and alkalis
- Incompatible with reducing agents
- Incompatible with organics
- Nitrogen containing compounds
- Calcium hypochlorite
- Ammonia

10 .6 Hazardous Decomposition Products

- Decomposition products include chlorine.

11 Toxicological information

11 .1 Information on toxicological effects

- LD50 (oral, rat) (copper sulphate) 520 mg/kg

Inhalation

- Causes dry throat
- Causes shortness of breath

Contact with skin

- Causes irritation

Contact with eyes

- No information available

Ingestion

- The ingestion of significant quantities may cause damage to digestive system

Carcinogenicity

- No evidence of carcinogenic effects

Teratogenicity

- No information available

11 Toxicological information (....)

Mutagenicity

- No information available

12 Ecological information

12.1 Toxicity

- Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

- Not readily biodegradable

12.3 Bioaccumulation Potential

- No information available

12.4 Mobility in soil

- Marine pollutant

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- See Section 12.1

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

Classification

- The waste must be identified according to the List of Wastes (2000/532/EC)

14 Transport information



Dangerous Substance ENVIRONMENTALLY HAZARDOUS

14.1 UN Number

3077

14.2 UN Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
SOLID, N.O.S (Troclosene Sodium, Dihydrate)

14 Transport information (....)

14.3 Transport hazard class(es)

9

14.4 Packing group

III

14.5 Environmental hazards

- Marine pollutant

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: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S (Trosclosene Sodium, Dihydrate)

ADR UN No.: 3077

ADR Hazard Class: 9 ADR Packing Group: III

Tunnel Code: E

Sea (IMDG)

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S (Trosclosene Sodium, Dihydrate)

IMDG UN No.: 3077

IMDG Hazard Class.: 9 IMDG Pack Group.: III

Air (ICAO/IATA)

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S (Trosclosene Sodium, Dihydrate)

ICAO Un No.: 3077

ICAO Hazard Class.: 9 ICAO Packing Group.: III

15 Regulatory information

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

- Refer to current CPL Regulations
- Refer to current EC Directive 82/501/EEC (the Seveso Directive)
- The List of Wastes (England) Regulations 2005 apply in the UK

15.2 Chemical Safety Assessment

16 Other information

Text of R and S phrase codes used in this safety data sheet:- EUH031: Contact with acids liberates toxic gas.; H302: Harmful if swallowed.; H315: Causes skin irritation.; H319: Causes serious eye irritation.; H335: May cause respiratory irritation.; H400: Very toxic to aquatic life.; H410: Very toxic to aquatic life with long lasting effects.; R22: Harmful if swallowed; R31: Contact with acids liberates toxic gas; R36/37: Irritating to eyes and respiratory system; R36/38: Irritating to eyes and skin; R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



16 Other information (....)

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.