


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

- 1.1 **Product Identifier**
 Product Name : Kiddy Pool Care
 Datasheet Number : SDS039
 Unique Formula Identifier: FC30-M0K0-X00Q-6NFA
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**
 Application of the substance / the mixture Disinfectants and algacides.
 Identified Use(s) Uses advised against No Further relevant information available.
- 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
 E-mail (competent person) info@plasticapools.net
- 1.4 **Emergency Telephone Number**
 Emergency Phone No 0800 043 0891 (Technical) 24 Hours a day
 0800 043 0892 (Emergency)
 Languages Spoken English

Members of the public seeking specific information on poisons should contact: I
 n England and Wales: NHS 111 - dial 111
 In Scotland: NHS 24 - dial 111

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 life.
Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.
- 2.2 **Label elements** According to Regulation (EC) No. 1272/2008 (CLP)
Hazard Pictograms GSH09
Signal Word(s) Warning
Hazard Statement(s) H410 Very toxic to aquatic life with long lasting effects.
 Additional Information P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P273 Avoid release to the environment.
 P391 Collect spillage.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- 2.3 **Other hazards**
 Results of PBT and vPvB assessment
 PBT: Not applicable.
 vPvB: Not applicable.

SECTION 3 : Composition/Information on Ingredients

3.2	Chemical characterisation:	Mixtures
	Description:	Mixture of substances listed below with nonhazardous additions.
	Dangerous components:	25988-97-0 Polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl)-oxirane (EINECS 203-439-8)/ Polymeric quaternary ammonium chloride 25988-97-0 Polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl)-oxirane (EINECS 203-439-8) /Polymeric quaternary ammonium chloride: 168 mg/g
Additional information:		For the wording of the listed hazard phrases refer to section 16.

SECTION 4 : First Aid Measures

4.1	Description of first aid measures	
	General information:	Take affected persons out into the fresh air. Keep warm, position comfortably and cover well. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
	After inhalation:	Take affected persons into fresh air.
	After skin contact:	If skin irritation continues, consult a doctor.
	After eye contact:	Call a doctor immediately.
	After swallowing:	Rinse out mouth and then drink plenty of water. Call for a doctor immediately.
	Information for doctor:	Treat symptomatically and supportively.
4.2	Most important symptoms and effects, both acute and delayed	No further relevant information available.
4.3	Indication of any immediate medical attention and special treatment needed	No further relevant information available.

SECTION 5 : Firefighting Measures

5.1	Extinguishing Media :	
	Suitable Extinguishing Agents:	CO ₂ , powder or foam.
	Unsuitable Extinguishing Media:	Water with full jet
5.2	Special hazards arising from the substance or mixture :	Formation of toxic gases is possible during heating or in case of fire. In case of fire, the following can be released: Carbon monoxide (CO) Nitrogen oxides (NO _x)
5.3	Advice for Firefighters :	Wear fully protective suit. Wear self-contained respiratory protective device. Do not inhale explosion gases or combustion gases.
	Additional information :	Cool endangered receptacles with water spray. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6 : Accidental Release Measures

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|-----|--|---|
| 6.1 | Personal precautions, protective equipment and emergency procedures : | Keep people at a distance and stay on the windward side.
Particular danger of slipping on leaked/spilled product. |
| 6.2 | Environmental Precautions: | Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Dilute with plenty of water.
Do not allow to enter sewers/surface or ground water. |
| 6.3 | Methods and material for containment and cleaning up: | Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13. |
| 6.4 | Reference to other sections | See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information. |

SECTION 7 : Handling and Storage

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|-----|---|---|
| 7.1 | Precautions for Safe Handling | Keep receptacles tightly sealed.
Keep away from heat and direct sunlight. |
| | Information about fire - and explosion protection: | The product is not flammable. |
| 7.2 | Conditions for safe storage, including any incompatibilities | |
| | Storage: | |
| | Requirements to be met by storerooms and receptacles: | Requirements to be met by storerooms and receptacles.
Store only in the original receptacle.
Prevent any seepage into the ground. |
| | Information about storage in one common storage facility: | Not required. |
| | Further information about storage conditions: | Protect from frost. |
| | Storage class: | 12 |
| 7.3 | Specific end use(s) | No further relevant information available. |

SECTION 8 : Exposure Controls/Personal Protection

8.1 Control Parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls: No further data; see section 7

Personal protective equipment:

General protective and hygienic

measures:

Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.

Respiratory protection:

Not required.

Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves :

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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.

For the permanent contact gloves made of the following materials are suitable: Rubber gloves

Not suitable are gloves made of the following materials:

Strong material gloves

Leather gloves

Eye Protection

Goggle recommended during refilling.

Body protection:

Light weight protective work clothing.

SECTION 9 : Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:

Fluid

Colour:

Blue

Odour:

Characteristic

Odour threshold:

Not determined.

Melting point/freezing point:

Undetermined.

ca. 0°C

Boiling point/initial boiling point/range

100 °C

100 °C

9.1 cont..

Flammability:	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	Not applicable.
Auto-ignition temperature:	>100 °C
Decomposition temperature:	Not determined.
pH at 20 °C	5.7
Viscosity:	
Kinematic viscosity:	Not determined.
Dynamic:	Not determined.
Solubility	
Water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	-3.13
Vapour pressure:	Not determined.
Density and/or relative density	
Density:	Not determined.
Relative density:	Not determined.
Vapour density:	Not determined.

9.2 **Other Information:**

NOTE: The physical data presented above are typical values and should not be construed as a specification.

Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Solvent content:	
Solids content:	0.0 %
Change in condition	
Evaporation rate:	Not determined.
Information with regard to physical hazard classes	
Explosives:	Void
Flammable gases:	Void
Aerosols:	Void
Oxidising gases:	Void
Gases under pressure:	Void
Flammable liquids:	Void
Flammable solids:	Void
Self-reactive substances and mixtures:	Void
Pyrophoric liquids:	Void
Pyrophoric solids:	Void
Self-heating substances and mixtures:	Void
Substances and mixtures, which emit flammable gases in contact with water:	Void
Oxidising liquids;	Void
Oxidising solids;	Void
Organic peroxides;	Void
Corrosive to metals;	Void
Desensitised explosives;	Void

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 and stored 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:** Strong oxidising agents.
- 10.6 **Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11 : Toxicological Information

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met

LD/LC50 values relevant for classification:

25988-97-0 Polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl)-oxirane (EINECS 203-439-8) / Polymeric quaternary ammonium chloride

Oral LD50 1,672 mg/kg (rat)

Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine disrupting properties None of the ingredients is listed.

SECTION 12 : Ecological Information

- 12.1 **Toxicity**
Aquatic Toxicity: No further relevant information available.
- 12.2 **Persistence and degradability** Easily biodegradable.
- 12.3 **Bioaccumulative potential** No further relevant information available.
- 12.4 **Mobility in soil** No further relevant information available.
- 12.5 **Results of PBT and vPvB assessment**
PBT: Not applicable.
vPvB: Not applicable.
- 12.6 **Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects**Remark:** Very toxic for fish**Additional ecological information:****General notes:**

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Very toxic for aquatic organisms

SECTION 13 : Disposal Considerations

13.1 Waste treatment methods**Recommendation**

Must be specially treated adhering to official regulations.

Must not be disposed together with household garbage.

Do not allow product to reach sewage system.

Uncleaned packaging:**Recommendation:**

Packaging may be reused or recycled after cleaning.

Recommended cleansing agents: Water, if necessary together with cleansing agents

SECTION 14 : Transport Information

14.1 UN-Number**ADR, IMDG, IATA**

UN3082

14.2 UN proper shipping name

ADR

3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl)-oxirane (EINECS 203-439-8) / Polymeric quaternary ammonium chloride)

IMDG

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl)-oxirane (EINECS 203-439-8) / Polymeric quaternary ammonium chloride), MARINE POLLUTANT

IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl)-oxirane (EINECS 203-439-8) / Polymeric quaternary ammonium chloride)

14.3 Transport hazard class(es)

ADR, IMDG, IATA

Class

9 Miscellaneous dangerous substances and articles.

Label

9

14.4 Packing group

ADR, IMDG, IATA

III

14.5	Environmental hazards:	
	Marine pollutant:	Yes
		Symbol (fish and tree)
	Special Marking (ADR):	Symbol (fish and tree)
	Special marking (IATA):	Symbol (fish and tree)
14.6	Special precautions for user	Warning: Miscellaneous dangerous substances and articles
	Hazard identification number (Kemler code):	90
	EMS Number:	F-A,S-F
	Stowage Category:	A
14.7	Maritime transport in bulk according to IMO instruments:	Not applicable
	Transport/Additional 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	(-)
	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 Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (POLYMER OF N-METHYL METHANAMINE (EINECS 204-697-4 WITH (CHLOROMETHYL) -OXIRANE (EINECS 203-439-8) /POLYMERIC QUATERNARY AMMONIUM CHLORIDE), 9, III

SECTION 15 : Regulatory Information
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- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture Directive 2012/18/EU**
 Named dangerous substances - ANNEX I None of the ingredients is listed.
 Sevesco category E1 Hazardous to the aquatic environment.
 Qualifying quantity (tonnes) for the application of lower tier requirements 100t
 Qualifying quantity (tonnes) for the application of upper tier requirements 200t
- 15.2 **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16 : Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H302 Harmful if swallowed.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling 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

Acute Tox. 4: Acute toxicity – Category 4

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1