

# SAFETY DATA SHEET



Product Name:

**GEL CUBES**

SDS Reference **045**

Version No. 1

Revision No.

Authorisation date March 11<sup>th</sup>, 2002

## 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

**Product Name** GEL CUBES  
**Synonym (s)**  
**Use(s)** Swimming pool water clarifier  
**Company Identification** PLASTICA LTD  
Perimeter House,  
Napier Road, Telephone +44 (0) 1424 857857  
St Leonards-on-Sea, East Sussex, TN38 9NY  
**Emergency Telephone** 09062 655005 (24hr)

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation** A MIXTURE OF POLYACRYLAMIDE FLOCCULANT, CATIONIC COAGULANT AND SANITISING AGENT – ALL NON HAZARDOUS.  
**CAS number**  
**EINECS number**  
**EC Index number**

## 3. HAZARDS IDENTIFICATION

**Physical & Chemical:**

**Health:**

ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO BE HARMLESS TO ~~HEALTH~~ HEALTH IF HANDLED IN THE CORRECT MANNER.

**Environmental:**

ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO BE HARMLESS TO THE ENVIRONMENT IF HANDLED IN THE CORRECT MANNER.

## 4. FIRST AID MEASURES

**Inhalation** ~~Remove casualty to fresh air and provide warmth and rest. If necessary, seek medical advice. Not normally a route of exposure.~~  
**Skin contact** Wash with water.  
**Eye contact** Wash out eye thoroughly with plenty of water until irritation subsides. If irritation persists, seek medical advice.  
**Ingestion** ~~Seek medical advice~~ No special first aid measures necessary. If necessary, seek medical advice.  
**Further information**

**5. FIRE FIGHTING MEASURES**

<b>General hazard</b>	THE PRODUCT IS NON FLAMMABLE
<b>Extinguishing media</b>	To suit local surroundings (e.g. water spray, carbon dioxide, dry chemical powder)
<b>Extinguishing media not to be used</b>	
<b>Special exposure hazards</b>	The thermal decomposition products released should be considered toxic if inhaled. .
<b>Protective equipment</b>	Wear self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Methods for cleaning up</b>	Slippery when wet. Adhere to personal protective measures. Take up with absorbent material, e.g. sand, sawdust into a suitable container; dispose of as prescribed.
<b>Environmental considerations</b>	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
<b>Further information</b>	

**7. HANDLING & STORAGE**

<b>Advice on safe handling</b>	Handle in accordance with good hygiene and safety practice.
<b>Storage conditions</b>	Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool and dry
<b>Further information</b>	

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Exposure controls</b>	There are no occupational exposure limit values available.
	LTEL (8 hour TWA):                      ppm                      mg/m <sup>3</sup>
	STEL (15 min.):                              ppm                      mg/m <sup>3</sup>
<b>Engineering controls</b>	Ensure adequate ventilation of working area.
<b>Personal protection</b>	Observe normal standards for handling chemicals. Avoid eye and skin contact. Wear personal protective equipment appropriate to the task (see below)
<b>Eye protection</b>	Safety goggles if splashing likely
<b>Skin protection</b>	Gloves (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
<b>Respiratory protection</b>	
<b>Other protection</b>	Protective overall

**9. PHYSICAL & CHEMICAL PROPERTIES**

<b>Physical form</b>	Solid gel		
<b>Colour</b>	Blue		
<b>Odour</b>	Not determined.		
<b>pH</b>	Not determined.		
<b>Boiling pt / range</b>	Not determined. °C		
<b>Melting pt / range</b>	Not determined.		
<b>Flash point</b>	Not determined. °C		
<b>Auto flammability</b>	°C		
<b>Density</b>	Approx. 1.0		
<b>Explosive limits</b>	Lower:	% (v/v)	Higher: % (v/v)
<b>Viscosity</b>			
<b>Water solubility</b>	Miscible		
<b>Additional information</b>			

**10. STABILITY & REACTIVITY**

<b>Stability</b>	Stable under normal conditions of handling.		
<b>Thermal decomposition</b>			
<b>Conditions to avoid</b>			
<b>Material to avoid</b>	According to experience, there are no incompatible substances.		
<b>Hazardous reactions</b>	Hazardous polymerisation will not occur. May react exothermically with oxidising agents.		
<b>Hazardous decomposition products</b>	Oxides of carbon and nitrogen.		

**11. TOXICOLOGICAL INFORMATION**

<b>Acute toxicity</b>	LD <sub>50</sub> rat (oral)	mg/kg	No data available
<b>Dermal compatibility</b>	No data available		
<b>Mucous membrane compatibility</b>	No data available		
<b>Further information</b>	Not toxic in normal circumstances.		

**12. ECOLOGICAL INFORMATION**

<b>Acute toxicity</b>	LC <sub>50</sub>	Fish (fathead minnows)	> 1000	mg-/l	48 hours
<b>Degradability</b>	No data are available				
<b>Further information</b>					

**13. DISPOSAL CONSIDERATIONS**

<b>Advice on disposal</b>	In accordance with national and local authority regulations, e.g. controlled waste.
<b>Contaminated packaging</b>	Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

**14. TRANSPORT INFORMATION**

<b>United Nations number</b>	The product is not classified for transport.
<b>Marine pollutant</b>	The product should not be marked as a marine pollutant

**15. REGULATORY INFORMATION**

<b>Classification &amp; labelling</b>	In accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 3.1]), the product is not classified.
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**Risk phrases**

**Safety phrases**

**16. OTHER INFORMATION**

**Further information**

**Sources of data** Other suppliers' safety data sheets

**Date of issue** 05-05-2006

**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.**

**Data sheet prepared by Rising HS&E Services.**