

# SAFETY DATA SHEET



**Product Name:** GEL WATERLINE CLEANER

**SDS Reference** 047

**Version No.** 1

**Revision No.**

**Authorisation date** November 28th, 2006

## 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

**Product Name** GEL WATERLINE CLEANER  
**Use(s)** For removing tide marks on spa baths and swimming pools  
**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** WEAK AQUEOUS ALKALINE SOLUTION

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
SODIUM HYDROXIDE	1310-73-2	215-185-5	C: R35	0.5-2.0%

## 3. HAZARDS IDENTIFICATION

**Physical & Chemical:**



IRRITANT

**Health:** IRRITATING TO EYES AND SKIN

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

## 4. FIRST AID MEASURES

**General information**

**Inhalation** Remove casualty to fresh air and provide warmth and rest. If necessary, seek medical advice.  
**Skin contact** Clean areas of skin affected immediately with plenty of water. If necessary, seek medical advice.  
**Eye contact** Immediately wash out eye thoroughly with plenty of water until irritation subsides. If necessary (e.g. irritation persists), consult an eye specialist/ophthalmologist.  
**Ingestion** Allow the patient to vomit on his own accord. Give copious water to drink.  
**Further information**

**5. FIRE FIGHTING MEASURES**

<b>General hazard</b>	THE PRODUCT WILL NOT BURN
<b>Extinguishing media</b>	To suit local surroundings (e.g. CO <sub>2</sub> , foam, 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.
<b>Further information</b>	

**6. ACCIDENTAL RELEASE MEASURES**

<b>Methods for cleaning up</b>	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 wastewater 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 and dry away from foodstuffs. Store in original containers.
<b>Further information</b>	Do not allow to come into contact with aluminium, zinc, magnesium or their alloys.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Exposure controls</b>	There are no occupational exposure limit values appropriate to the product
	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. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below)
<b>Eye protection</b>	Safety goggles or face shield (i.e. EN 166 approved)
<b>Skin protection</b>	PVC or natural rubber latex 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**

Physical form	Paste
Colour	Pink
Odour	Faint
pH	Alkaline
Boiling pt / range	From 100 °C
Melting pt / range	Not determined. °C
Flash point	Not applicable. °C
Autoflammability	°C
Density	Not determined
Explosive limits	Lower: % (v/v) Higher: % (v/v)
Viscosity	
Water solubility	Soluble
Additional information	

**10. STABILITY & REACTIVITY**

Stability	Stable under normal conditions of handling.
Thermal decomposition	
Conditions to avoid	None known
Material to avoid	The product is incompatible with aluminium and magnesium and strong acids
Hazardous reactions	May react with aluminium or magnesium to produce hydrogen (explosive mixture in air).
Hazardous decomposition products	
Further information	

**11. TOXICOLOGICAL INFORMATION**

Acute toxicity	LD <sub>50</sub> rabbit (oral)	550 mg/kg	Data for sodium hydroxide
Dermal compatibility	No data available for the product		
Mucous membrane compatibility	No data available for the product		
Further information			

**12. ECOLOGICAL INFORMATION**

Acute toxicity	LC <sub>50</sub>	Fish	mg/l	No data available
Degradability	No data available			

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## 12. ECOLOGICAL INFORMATION

**Further information** Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.

## 13. DISPOSAL CONSIDERATIONS

**Advice on disposal** In accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.

**Contaminated packaging** Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

## 14. TRANSPORT INFORMATION

**United Nations number** The product is not classified for transport.

**Marine pollutant** The product should be marked as a marine pollutant

## 15. REGULATORY INFORMATION

**Classification & labelling** The product is classified in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 3.1]



**IRRITANT**

**Risk phrases** R36/38 IRRITATING TO EYES AND SKIN

**Safety phrases** S2 KEEP OUT OF THE REACH OF CHILDREN.  
S26 IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.  
S46 IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL.

## 16. OTHER INFORMATION

**Further information**

**Risk phrases referred to in section 2**

R35: Causes severe burns.

**Sources of data** The Approved Supply List and 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.