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## SAFETY DATA SHEET

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### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade Name: SODIUM BROMIDE  
Substance Name: Sodium Bromide  
Datasheet Number: 030 1. 1. 0  
CAS-No: 7647-15-6  
EC-No: 231-599-9

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

Spa sanitiser.

#### 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: +44 (0) 1424 857858  
Responsible Person:  
Email: info@plasticapools.net

**1.4 Emergency telephone number** 0800 043 0891 - Technical  
0800 043 0892 - Emergency

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## 2. Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008

#### Classification according to EU Directives 67/548/EEC or 1999/45/EC

The product does not need to be labelled in accordance with EC directives or respective national laws

#### Most important adverse effects

Human Health: See section 11 for toxicological information  
Physical & chemical hazards: See section 9 for physiochemical information  
Potential environmental hazards: See section 12 for environmental information

## 2.2 Label Elements:

### Labelling according to Regulation (EC) No. 1272/2008

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008

### Other labelling information

Further information: Handle in accordance with good industrial hygiene and safety practice

## 2.3 Other Hazards:

For results of PBT and vPvB assessment see section 12.5

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC

## 3. Composition/information on ingredients

### 3.1 Substances:

#### Non-hazardous component

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases
Sodium Bromide	100%	7647-15-6	231-599-9	

## 4. First Aid Measures:

### 4.1 Description of first aid measures

General advice:	Take off all contaminated clothing immediately
If inhaled:	Remove to fresh air
In case of skin contact:	Wash off immediately with plenty of water
In case of eye contact:	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
If swallowed:	Clean mouth with water and drink afterwards plenty of water. If symptoms persist, call a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	See Section 11 for more detailed information on health effects and symptoms
Effects:	See Section 11 for more detailed information on health effects and symptoms

### 4.3. Indication of any immediate medical attention and special treatment needed

Treatment:	Treat symptomatically No further information available
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## Section 5: Fire-fighting measures

### 5.1 Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. The product itself does not burn.

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## 5.2 Special hazards arising from the substance or mixture

Specific hazards  
during firefighting: Under fire conditions: Toxic gases

## 5.3 Advice for firefighters

Special protective  
equipment for  
firefighters: In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment.  
Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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## Section 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Use personal protective equipment. Avoid dust formation. Do not breathe dust. Avoid contact with skin and eyes.

### 6.2 Environmental Precautions

- Do not flush into surface water or sanitary sewer system.

### 6.3 Methods and material for containment and cleaning up

- Use mechanical handling equipment. Dispose of in accordance with local regulations.

### 6.4 Reference to other sections

- For personal protection see Section 8

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## Section 7: Handling and storage

### 7.1 Precautions for safe handling

- Keep container tightly closed
- Avoid dust formation
- Do not breathe dust
- Avoid contact with skin and eyes
- Smoking eating and drinking should be prohibited in the application area
- Wash hands before breaks and at the end of workday
- Take off all contaminated clothing immediately

### 7.2 Conditions for safe storage, including any incompatibilities

- Do not store near acids
- Normal measures for preventive fire protection. The product is not flammable.
- Keep tightly closed in a dry and cool place

### 7.3 Specific end use(s)

Spa sanitiser.

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## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

## 8.2 Exposure controls

- Refer to protective measures listed in sections 7 and 8
- Respiratory equipment; required if dust is released. Recommended filter type: Particle filter P2, Particle filter P3
- Hand protection. Protective gloves should be used if there is a risk of direct contact. Use protective gloves made of: latex, polychloroprene, nitrile rubber, butyl rubber, fluorinated rubber, polyvinylchloride.
- Eye protection. Use approved safety glasses
- Other protection. Protective work clothing
- Hygiene measures: Do not breathe dust. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off contaminated clothing immediately.
- General advice: Do not flush into surface water or sanitary sewer system.

## Section 9. Physical & Chemical Properties

### 9.1 Information on basic physical and chemical properties

Form:	Crystalline
Colour:	White
Odour:	Odourless
pH:	7 (50 g/l; 20°C)
Melting point/range:	755°C
Boiling point/boiling range:	1,390°C
Density:	3.2 g/cm <sup>3</sup>
Water solubility:	790 g/l (20°C)
Explosivity:	Product is not explosive

### 9.2 Other information

Molecular weight:	102.89 g/mol
Bulk density:	ca. 1,500 kg/m <sup>3</sup>

## Section 10. Stability and reactivity

### 10.1 Reactivity

### 10.2 Chemical stability

- No decomposition if stored and applied as directed

### 10.3 Possibility of hazardous reactions

- Product contacted with acid created toxic combustion gas

### 10.4 Conditions to avoid

### 10.5 Incompatible materials

- Materials to avoid; acids

### 10.6 Hazardous Decomposition Products

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## Section 11. Toxicological information

### 11.1 Information on toxicological effects

Acute Toxicity	Oral	LD50	3500 mg/kg (rat)
	Dermal	LD50	>2000 mg/kg (rabbit)
Irritation	Skin	No skin irritation (rabbit)	
	Eyes	Mild eye irritation (rabbit). Dust in the eyes may cause mechanical irritation.	
Sensitisation	No sensitizing effect known.		

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## Section 12. Ecological information

- Do not flush into surface water or sanitary sewer system

### 12.1 Toxicity

Acute Toxicity	Fish	LC50	16000 - 24000 mg/l (Poecilia reticulata; 96h)
	Toxicity to daphnia and other aquatic invertebrates	EC50	5800 - 48000 mg/l (Daphnia magna; 48h) (Toxicity to daphnia)

### 12.2 Persistence and degradability

### 12.3 Bioaccumulation Potential

### 12.4 Mobility in soil

### 12.5 Results of PBT and vPvB assessment

### 12.6 Other Adverse Effects

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## Section 13. Disposal considerations

### 13.1 Waste treatment methods

- Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains.
- Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. Packagings that cannot be cleaned are to be disposed of in the same manner as the product and in accordance with local and national regulations.

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## Section 14. Transport information

Not dangerous goods for ADR, RID, IMDG and IATA

### 14.1 UN Number

### 14.2 UN Proper Shipping Name

### 14.3 Transport hazard class(es)

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#### 14.4 Packing group

#### 14 .5 Environmental hazards

#### 14 .6 Special precautions for user

#### 14 .7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

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### 15 Regulatory information

#### 15 .1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Other regulations: Occupational restrictions: Take note of Dir 92/85/EEC on the safety and health of pregnant workers at work and of Dir 94/33/EC on the protection of young people at work

#### 15 .2 Chemical Safety Assessment

### 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.