



## SAFETY DATA SHEET

## 1. Identification of the substance/preparation and of the company/undertaking

**1.1 Product Identifier**

Chemical:	Spafresh Alkalinity Increaser
Weight	1 kg
Code	SFALI/6

**1.2 Relevant Identified uses of the substance or mixture and uses advised against**

Uses: To increase total alkalinity of pool water

**1.3 Details of the supplier of the safety data sheet**

Company: Complete Pool Controls Ltd  
 Unit 2, The Park  
 Stoke Orchard  
 Bishops Cleeve  
 Gloucestershire  
 GL52 7RS

Telephone: +44 (0) 8712 229081

Fax: +44 (0) 8712 229083

E-mail: [sales@cpc-chemicals.co.uk](mailto:sales@cpc-chemicals.co.uk)

**1.4 Emergency Telephone**

Tel: +44 (0) 8712 229081 (office hours) +44 (0) 1242 300271 (outside of office hours)

## 2. Hazard Identification

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**

Not classified for supply

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

Not classified for supply

**2.2 Label elements**

**Labelling according to Regulation (EC) No 1272/2008**

This product does not need to be labelled in accordance with EC Regulations and Directives

**2.3 Other Hazards** Mildly irritating to eyes

## 3. Composition/information on ingredients

**3.1 Substances**

Chemical nature: Powder

Chemical Name	CAS No:	EC No:	R/H Phrases
Sodium Bicarbonate	144-55-8	205-633-8	

**4. First Aid measures**

**4.1 Description of first aid measures**

General Advice: Immediately remove contaminated clothing

If inhaled: Remove to fresh air. Rinse nose and mouth with water. Consult doctor in case of complaints

In case of skin contact: Wash off immediately with soap and plenty of water.

In case of eye contact: Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. Remove contact lenses. Seek medical attention immediately

If swallowed: Rinse mouth with water and then drink plenty of water. Seek medical attention & show the label where possible.

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

Symptoms: No further information available

**4.3 Indication of immediate medical attention and special treatment needed**

Treatment: Treat symptomatically

Effects: No further information available

**4.3 Indication of immediate medical attention and special treatment needed**

Treatment: Treat symptomatically

**5. Fire fighting measures**

**5.1 Extinguishing media:** Use measures appropriate to local environment

**5.2 Specific Hazards during fire:** Carbon monoxide, Sodium oxide and Sodium carbonate

**5.3 Advice for fire-fighters** Wear self contained breathing apparatus (SCBA) and full turn out gear.

Further Information: No further information available

**6. Accidental release Measures**

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

Personal Precautions: Wear appropriate clothing.

**6.2 Environmental precautions**

Environmental precautions: Advise authorities if spillage has entered water course or sewer or has contaminated soil or vegetation

**6.3 Methods and materials for containment and cleaning up**

Methods and materials for containment and cleaning up: Dispose of contaminated material as waste. Ensure adequate ventilation. Collect mechanically.

**6.4 Reference to other sections**

See Section 1 for emergency contact information

See Section 7 for information on Personal protective equipment

See section 13 for waste treatment information

Trade Name: Spafresh Alkalinity Increaser

## 7. Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling: Use in a well ventilated area. Prevent formation of aerosols

Hygiene measures: Wash hands before breaks and immediately after handling the product.  
Keep away from food, drink and animal feed stuffs. When using do not eat and drink.

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

Requirements for storage areas and containers: Prevent seepage into ground.

Advice on protection against fire and explosion: No special measures required

Further Information: Keep container tightly sealed. This product is hygroscopic. Keep away from direct sunlight and heat. Store in dry, cool conditions.

Advice on common storage: Do not store near acids

Storage Temperature: Protect from frost.

**7.3 Specific end uses** No information available

## 8. Exposure control/personal protection

**8.1 Control parameters** None assigned

**8.2 Exposure controls**

**Engineering measures** Engineering controls should be provided which maintain airborne concentrations as low as practicable

**Personal protective equipment**

Respiratory protection In case of inadequate ventilation wear respiratory protection

Hand protection Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.

Eye protection Wear safety glasses approved to standard EN 166.

Skin and body protection Wear apron or other light protective clothing

**Environmental exposure controls**

General advice: Dispose of in accordance with all applicable local and national regulations,

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form: Powder

Colour: White

Odour: No Odour

pH @ 20°C: 8.1 - 8.4 (50 g/l; 20 °C)

Boiling point: 300°C

Density @ 20°C: 2.2 g/cm<sup>3</sup> (20 °C)

Water solubility: 95 g/l (20 °C)

Explosive properties: Product is not explosive

### 9.2 Other Information

Bulk density 700 - 1,150 kg/m<sup>3</sup>

Trade Name: Spafresh Alkalinity Increaser

## 10. Stability and reactivity

10.1 Reactivity	Stable under normal use and storage conditions
10.2 Chemical stability	No decomposition if stored and applied as directed
10.3 Possibility of hazardous reactions	None reasonably foreseeable
10.4 Conditions to avoid	High temperature. Poor ventilation. Contamination
10.5 Incompatible materials	Acid and metals
10.6 Hazardous decomposition products	Decomposition products may include carbon oxides

## 11. Toxicological Information

### 11.1 Information on toxicological effects

#### Acute Toxicity

Route	Species	Test	Value	Units
Oral	Rat	LD50	4,220	mg/kg

#### Primary irritant effect:

**on the skin:** No skin irritation

**on the eye:** Dust in the eyes may cause mechanical irritation

**Inhalation** May cause coughing. In cases of severe exposure, irritation of the respiratory tract may develop

**Ingestion** The ingestion of significant quantities may cause nausea/vomiting

**Sensitization:** not sensitizing

**Carcinogenic** No evidence of carcinogenic effects

**Mutagenic** No information available

**Teratogenicity** No information available

## 12. Ecological Information

### 12.1 Toxicity

#### Etoxicity effects

LC50	96h	fish	2,350	mg l
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12.2 Persistence and degradability Biodegradable

12.3 Bioaccumulative potential No information available

12.4 Mobility in soil No information available

12.5 Results of PBT and PvB assessment Not a PBT according to REACH Annex XIII

12.6 Other adverse effects No information available

## 13. Disposal Considerations

### 13.1 Waste treatment methods

-Disposal should be in accordance with local, state or national legislation

-Do not reuse empty containers without commercial cleaning or reconditioning

-Do not discharge into drains or the environment, dispose to an authorised waste collection point

#### Classification

Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority.

**Trade Name:** Spafresh Alkalinity Increaser

#### 14. Transport Information

14.1 UN Number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packaging Group	Not applicable
14.5 Environmental hazards	Clean up even minor leaks or spills if possible without unnecessary risk
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

#### 15. Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for this substance or mixture.**

This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006

**15.2 Chemical Safety Assessment** No information available

#### 16. Other information

Full text of R-phrases referred to under sections 2 and 3  
Full text of H-statements referred to under sections 2 and 3

This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty or merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from use of this information. Users should make their own investigations to determine the suitability of the information for their particular needs and uses.

**• Abbreviations and acronyms:**

ADR:	Accord europeen sur le transport des marchandises dangereuse par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID:	Reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International Carriage of Dangerous Goods by Road)
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
IATA-DGR	Dangerous goods Regulations by the 'International Air Transport Association' (IATA)
ICAO:	International Civil Aviation Organization
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals
EINECS	European Inventory of Existing Commercial Chemical Substances.
CAS:	Chemicals Abstracts Service (division of the Americal Chemical Society)
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent

Revision	Date	By	Amendment
1	12/02/07	Linda Brueford	
2	21/06/11	Linda Brueford	GHS label elements added and other minor editorial amendments
3	14/12/11	Linda Brueford	Section 15 and other minor editorial amendments
4	20/10/2013	Chemregs	Minor amendments