

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

- **Trade Name:** pH-Minus  
Sodium Hydrogen Sulphate, Sodium Bisulphate, Dry Acid
- **Other names**
- **Intended use of chemical**
- **Manufacturer/Supplier** Complete Pool Controls Ltd, Unit 2, The Park, Stoke Orchard, Bishops Cleeve, Gloucestershire, GL52 7RS.  
Tel: +44 (0) 8712 229081  
Fax: +44 (0) 8712 229083

### 2. Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Description** 7681-38-1 sodium hydrogensulphate
- **EINECS Number:** 231-665-7
- **EU Number:** 016-046-00-X

### 3. Hazard Identification

- **Hazardous Description**



Xi Irritant

- **Hazard information concerning particular hazards for human and the environment**

R41 Risk of serious damage to eyes.

### 4. First Aid measures

- **After inhalation:** If inhaled, remove individual to fresh air. If breathing is difficult, have a trained person administer oxygen. Seek medical attention immediately.
- **After skin contact:** If contact with skin occurs, wash off with plenty of water for at least 15 minutes. If skin irritation persists, seek immediate medical attention. Remove contaminated clothing.
- **After eye contact:** Immediately flush contaminated eye(s) with cool, gently flowing water for at least 20 minutes. Seek immediate medical attention
- **After Ingestion:** If swallowed, drink large amounts of water. DO NOT INDUCE VOMITING. Avoid alcohol. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Seek medical attention immediately.

<b>Trade Name:</b>	<b>pH Minus</b>
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### 5. Fire fighting measures

- |  |   |
|--|---|
| • <b>Special extinguishing media:</b>      | Dry powder. CO2                               |
| • <b>Special exposure hazards in fire:</b> | Decomposes to produce toxic oxides of sulphur |
| • <b>Special protective equipment:</b>     | Self contained breathing apparatus (SCBA)     |

### 6. Accidental release Measures

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|--------------------------------|--|
| • <b>Personal Protection</b>   | Use appropriate personal protective equipment as detailed in section 8   |
| • <b>Methods for cleaning:</b> | Contain the spillage. Sweep up the spill and place in clean, dry plastic container including any contaminated material. Dispose of in accordance with relevant waste disposal legislation. |

### 7. Handling and storage

- |                              |   |
|------------------------------|---|
| • <b>Personal Protection</b> | Avoid contact with eyes   |
| • <b>Storage</b>             | Keep this product in original, sealed container when not in use. Store in cool dry, well-ventilated area. Keep this product out of reach of children. |

### 8. Exposure control/personal protection

• **Exposure control limits and source:**

	8hr TWA		15min STEL		Authority
	ppm	mg/m3	ppm	mg/m3	
Chlorine					
Not listed but general dust levels apply		10			EH40

- |                          |   |
|--------------------------|---|
| • <b>Hand Protection</b> | Wear suitable chemical resistant gloves when handling this product. |
| • <b>Eye Protection</b>  | Wear appropriate safety goggles                                     |
| • <b>Skin Protection</b> | Wear suitable chemical resistant clothing to protect exposed skin   |

**Trade Name: pH Minus****9. Physical and chemical properties**

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|-----------------------|---------------------------------|
| • Appearance at 20oC  | Solid, white powder             |
| • Odour               | Odourless                       |
| • Melting Point       | Above 180 0C with decomposition |
| • pH (conc)           | 1.2 - 1.3 @ 1.2% w/w solution   |
| • Relative Density    | 1.4/1.5g g/cm3                  |
| • Flash Point         |                                 |
| • Solubility in water | 1080g/l @ 250C                  |

**10. Stability and reactivity**

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|------------------------------------|--|
| • Conditions to avoid              | This product is stable under normal conditions   |
| • Materials to avoid               | Metals and other swimming pool/spa chemicals in their concentrated forms. Bases and strong oxidising agents. |
| • Hazardous decomposition products | Toxic oxides of sulphur and hydrogen (metal contact)   |

**11. Toxilogical Information**

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|--------------|--|
| • Inhalation | May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract. |
| • Ingestion  | May be harmful if swallowed.   |
| • Skin       | This product is highly irritating to skin.   |
| • Eyes       | This product is highly irritating to eyes  |
| • Toxicity   | Oral LD50 2490mg/kg (rat).   |

**12. Ecological Information**

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|--------------------|---|
| • Aquatic toxicity | EC50 (Daphnia Magna) 190 mg/(48HR)<br>Properties similar to sulphuric acid. |
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**Trade Name: pH Minus****13. Disposal Considerations**

- **Substance** Do not put product, spilled product or filled or partially filled containers into the waste. Contact with incompatible materials could cause a reaction or fire. Disposal of unused, uncontaminated products regulated according to local and national regulations.
- **Container** **DO NOT** re-use container. Rinse thoroughly before discarding. Thoroughly dilute washings.

**14. Transport Information**

- **Classification** Not regulated

**15. Regulatory information**

- **Product Name** pH Minus/Dry Acid
- **Symbol** Xi
- **Indications of danger** Irritant
- **Risk phrases** R41 Risk of serious danger to eyes
- **Safety phrases**
  - S1/2 Keep locked up and out of reach of children
  - S24 Avoid contact with eyes, rinse immediately
  - S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

**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.

