



## Section 1. Product and Company Identification.

**1.1 Model Number;** AK131 v2  
**1.2 Description;** General Purpose Detergent 5ltr

**1.3 Manufacturer;**

Sealey Group.  
 Kempson Way,  
 Bury St. Edmunds,  
 Suffolk.  
 IP32 7AR

**1.4 Emergency telephone number;** 44 (0) 1284 757 500

**Date of source compilation;** 22<sup>nd</sup> November 2011

## Section 2. Hazards Identification.

**2.1** Classification of the substance or mixture.

**Risk phrases;**

R36/38 irritating to eyes and skin.

**Safety phrases;**

S2 - Keep out of the reach of children

**2.2** Label elements.

Irritant.



**2.3** Other hazards.

## Section 3. Substances.

3.1 Substance & 3.2 Mixture need be included as appropriate

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Percentage of Content (mixture)
Polyamino carboxylate	(n/a) Polymer	1 – 5%
Disodium metasilicate	6834-92-0	1 – 5%
Propan-2-ol	67-63-0	1 – 5%
Alkoxy ether alcohol	112-34-5	1 – 5%
Nonionic surfactant	68439-45-2	1 – 5%



## Section 4. First aid measures.

Inhalation.

Not specifically applicable.

Ingestion

Wash out mouth with water and give plenty of water to drink.

Skin contact.

Remove contaminated clothing and wash with clean water.

Eye contact.

Irrigate the eye thoroughly with plenty of clean water for at least 15 minutes.

## Section 5. Fire Fighting Measures.

5.1. Extinguishing media

Power, foam, CO<sub>2</sub>, water spray

5.2. Special hazards arising from the substance or mixture

Toxic fumes, including oxides of nitrogen, may be released during thermal decomposition.

## Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures

Not available.

6.2. Environmental precautions

Not available.

6.3. Methods and material for containment and cleaning up

Use sand or other absorbent media to contain spillages. Place in plastic containers for safe disposal. Small spillages and residues may be washed away with water.

## Section 7. Handling and Storage.

7.1. Precautions for safe handling

Care should be taken to avoid contact with eyes and prolonged contact with skin.

7.2. Conditions for safe storage, including any incompatibilities

Keep out of reach of children.

Protect from frost.

## Section 8. Exposure Controls/Personal Protection.

8.1. Control parameters

Exposure limits have not been established for this product.

8.2. Exposure controls

Recommended safety equipment;

Eye protection: Safety goggles.

Hand protection: Latex or vinyl gloves.

Skin protection: Overalls and shoes/boots.

Respiratory protection: Not required in normal use.



## Section 9. Physical and Chemical Properties.

### 9.1. Information on basic physical and chemical properties

(a) Appearance:	fluorescent yellow / green liquid.
(b) Odour:	slightly citrus
(c) Odour threshold;	Not available.
(d) pH:	approximately 13.0
(e) Melting point/freezing point;	Not available.
(f) Initial boiling point and boiling range;	Not available.
(g) Flash point;	not applicable
(h) Evaporation rate;	Not available.
(i) Flammability (solid, gas);	Not available.
(j) Upper/lower flammability or explosive limits;	Not available.
(k) Vapour pressure;	Not available.
(l) Vapour density;	Not available.
(m) Relative density;	approximately 1.038 at 20°C (water = 1.000)
(n) Solubility(ies);	fully miscible with water
(o) Partition coefficient: n-octanol/water;	Not available.
(p) Auto-ignition temperature;	Not available.
(q) Decomposition temperature;	Not available.
(r) Viscosity;	Not available.
(s) Explosive properties;	Not available.
(t) Oxidising properties.	Not available.

## Section 10. Stability and Reactivity.

10.1. Reactivity	Not available.
10.2. Stability	Stable under normal conditions of storage and use.
10.3. Possibility of hazardous reactions	oxides of nitrogen may be released during thermal decomposition.
10.4. Conditions to avoid	Not available.
10.5. Incompatible materials	Not available.
10.6. Hazardous decomposition products	Not available.

## Section 11. Toxicological Information.

Irritating to the eyes. May cause transient irritation by other routes of exposure. Not classified as a harmful substance.

## Section 12. Ecological Information.

12.1. Toxicity	Not available.
12.2. Persistence and degradability	Not available.
12.3. Bioaccumulative potential	Not available.
12.4. Mobility in soil	Not available.
12.5. Results of PBT and vPvB assessment	Not available.
12.6. Other adverse effects	Not available.



### **Section 13. Disposal Considerations.**

#### 13.1. Waste treatment methods

Surplus material should be disposed of through a licenced waste operator. Containers may be recycled.

### **Section 14. Transport Information.**

Not classified as hazardous for transport

### **Section 15. Regulatory Information.**

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

Not available.

#### 15.2. Chemical safety assessment

Not available.

### **Section 16. Additional Information.**

The contents of hazardous ingredients listed in section 3 are shown as a percentage of active matter calculated on a weight / volume basis unless otherwise specified.

The above information is believed to be accurate and represents the best information currently available.

No warranty is expressed or implied by the above information.

We assume no liability resulting from use of the above information.

The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.