

**Safety Data Sheet: K – Clean Powder**

**1. Identification of the substance/ Preparation and of the company/ Undertaking**

**Product name:** K – Clean  
**Company Name:** **Cheshire Anilox Technology Ltd**

+

**Company Address:** Cheshire Anilox Technology Ltd  
Fifth Avenue  
Tameside Park Industrial Estate  
Dukinfield  
Cheshire UK  
SK16 4PP

**Company Telephone:** 0161 334 5558  
**Company Fax:** 0161 330 9766

**2. Composition/ Information on ingredients**

**Hazardous Ingredients:** Troclosene Sodium, Dihydrate 1-10%  
Einecs: 220-767-7 CAS: 51580-86-0  
[Xn] R22; [-] R31; [Xi] R36/37; [N] R50/53  
Sodium Hydroxide < 1 %  
Einecs: 215-185-5 CAS: 1310-73-2  
[C] R35  
Disodium Metasilicate 10-30 %  
Einecs: 229-912-9 CAS: 684-92-0  
[C] R34; [Xi] R37

**3. Hazards Identification**

**Main Hazards:** Contact with acids liberates toxic gas. Causes burns. Irritating to respiratory system. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**4.0 First Aid Measures [Symptoms]**

**Skin Contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

**Eye Contact:** Corneal burns may occur. May cause permanent damage

**Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

**Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

#### 4.1 First Aid Measures [Action]

---

**Skin Contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

**Eye Contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is okay, place in recovery position. Transfer to hospital as soon as possible.

**Inhalation** Remove casualty from exposure ensuring ones own safety whilst doing so. If unconscious and breathing is okay, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

#### 5. Fire Fighting measures

---

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**Exposure Hazards:** Corrosive. In combustion emits toxic fumes

**Protection of fire fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

#### 6. Accidental Release Measures

---

**Personal precautions:** Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS. Do not create dust.

**Environmental Precautions:** Do not discharge into drains or rivers

**Clean-up Procedures:** Clean up should be dealt with only by qualified personnel familiar with the specific substance.  
Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 7. Handling And Storage

---

**Handling Requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air.

**Storage Conditions:** Store in cool, well-ventilated area. Keep container tightly closed.

## 8. Exposure Controls/ Personal Protection

---

**Hazardous Ingredients:** Sodium Hydroxide.  
TWA 2 mg/ m<sup>3</sup> Stel 2 mg/m<sup>3</sup>.

**Engineering measures:** Ensure there is sufficient ventilation to the area.

**Respiratory Protection:** Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

**Hand Protection:** Protective gloves.

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.

**Skin Protection:** Protective clothing

## 9. Physical And Chemical Properties

---

**State:** Powder

## 10. Stability And Reactivity

---

**Stability:** Stable under normal conditions.

**Conditions To Avoid:** Heat

**Materials To Avoid:** Strong oxidising agents. Strong acids.

**Haz. Decomp. Products:** In combustion emits toxic fumes.

## **11. Toxicological Information**

---

**Hazardous Ingredients:** Sodium Hydroxide  
IPR MUS LD50 40 mg/kg  
Disodium Metasilicate  
ORL MUS LD50 770 mg/kg  
ORL RAT LD50 1153 mg/kg

**Routes Of Exposure:** Refer to section 4.0 of SDS routes of exposure and corresponding symptoms

## **12. Ecological Information**

---

Persistence and degradability: Biodegradable.

Bio-accumulative activity: No bioaccumulation potential

Other adverse effects: Negligible ecotoxicity.

## **13. Disposal Considerations**

---

**NB:** The users attention is drawn to the possible existence of regional or national regulations regarding disposal.

## **14. Transport Information**

---

ADR/ RID

IMDG/ IMO

IATA/ ICAO

## **15. Regulatory Information**

---

**Hazard Symbols:** Dangerous for the environment  
Corrosive



**Risk Phrases:** R31: Contacts with acids liberates gas  
R34: Causes burns  
R37: Irritating to respiratory system  
R51/ 53: Toxic to aquatic organisms, may cause long –term adverse effects in the aquatic environment

**Safety Phrases:** S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Issued 01.09.2010 – Philip Smith

S36/ 37/ 39: Wear suitable protective clothing, gloves and eye/ face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately [show the label where possible]

S61: Avoid release to the environment. Refer to special instructions/ safety data sheets.

**Note:**

The regulatory information above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The users attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. Other Information**

---

**Risk Phrases used in s.2:**

R22: Harmful if swallowed.

R31: Contact with acids liberates toxic gas.

R36/ 37: Irritating to eyes and respiratory system.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R35: Causes severe burns

R34: Causes burns

R37: Irritating to respiratory system

**Legal Disclaimer:**

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.