

**SAFETY DATA SHEET**  
SUPERX CONDENSER CLEANER

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Issued: 23/07/2003  
Revision No: 1

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

**Product name:** SUPERX CONDENSER CLEANER  
**Use / description of product:** Corrosive, alkaline solutions.  
**Company name:** Advanced Engineering Limited  
Guardian House  
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Basingstoke  
Hampshire  
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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Hazardous ingredients:** SODIUM HYDROXIDE 30-50%  
EINECS: 215-185-5 CAS: 1310-73-2  
[C] R35  
• SURFACTANT #3 1-10%  
[Xi] R36/37/38

**3. HAZARDS IDENTIFICATION**

**Main hazards:** Causes severe burns.

**4. FIRST AID MEASURES (SYMPTOMS)**

**Skin contact:** Severe burns may occur.  
**Eye contact:** There may be severe pain. Corneal burns may occur. The eyes may water profusely.  
**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.  
**Inhalation:** There may be coughing and a sore throat.

**4. FIRST AID MEASURES (ACTION)**

**Skin contact:** Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.  
**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.  
**Ingestion:** Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately.  
**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.  
**Exposure hazards:** Corrosive.

[cont...]

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

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

**Environmental precautions:** Contain the spillage using bunding.

**Clean-up procedures:** Wash down the drain with large amounts of water.

**7. HANDLING AND STORAGE**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

**Storage conditions:** Keep container tightly closed. Store in cool, well ventilated area. Avoid incompatible materials and conditions - see section 10 of SDS.

**Suitable packaging:** Must only be kept in original packaging.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Hazardous ingredients:** SODIUM HYDROXIDE  
STEL (15 min exposure limit): 2 mg/m<sup>3</sup> (OES)

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Respiratory protective device with particle filter.

**Hand protection:** Gloves (alkali-resistant).

**Eye protection:** Face-shield.

**Skin protection:** Alkali resistant protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Gold-brown

**Odour:** Characteristic odour

**Evaporation rate:** Moderate

**Solubility in water:** Soluble

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Materials to avoid:** Acids.

**11. TOXICOLOGICAL INFORMATION**

**Hazardous ingredients:** SODIUM HYDROXIDE  
IPR MUS LD50 40 mg/kg  
ORL RBT LDLO 500 mg/kg

**Chronic toxicity:** May cause sensitisation by skin contact.

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

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**12. ECOLOGICAL INFORMATION**

**Mobility:** Soluble in water.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Other adverse effects:** Harmful to aquatic organisms. Harmful to flora. Harmful to fauna.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** D10 Incineration on land.

**Disposal of packaging:** Clean with water. Dispose of as normal industrial waste.

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

**14. TRANSPORT INFORMATION****ADR / RID**

**UN no:** 3267

**ADR Class:** 8

**Packing group:** II

**Classification code:** C7

**Shipping name:** CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (SODIUM HYDROXIDE)

**Labelling:** 8

**Hazard ID no:** 80

**IMDG / IMO**

**UN no:** 3267

**Class:** 8

**Packing group:** II

**EmS:** F-A,S-B

**Marine pollutant:** .

**Labelling:** 8

**IATA / ICAO**

**UN no:** 3267

**Class:** 8

**Packing group:** II

**Packing instructions:** 808(P&CA); 812(CAO)

**Labelling:** 8

**15. REGULATORY INFORMATION**

**Hazard symbols:** Corrosive.



**Risk phrases:** R35: Causes severe burns.

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

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

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

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's 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:** R35: Causes severe burns.

R36/37/38: Irritating to eyes, respiratory system and skin.

**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.