

## SAFETY DATA SHEET

VANQUISH

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Issued: 01/08/2008

Revision No: 3

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

**Product name:** VANQUISH

**Product code:** 304

**Use of substance / preparation:** 304 : An odourless industrial alkali cleaning gel that removes carbonised and caramelised oils, proteins and fats from ovens.

**Company name:** Clover Chemicals Ltd  
Clover House  
Macclesfield Road  
Whaley Bridge, High Peak  
Derbyshire  
SK23 7DQ  
UK  
Tel: +44 (0) 1663 733114  
Fax: +44 (0) 1663 733115  
Email: technical@cloverchemicals.com

### 2. HAZARDS IDENTIFICATION

**Main hazards:** Causes severe burns.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** SODIUM HYDROXIDE 10-30%  
EINECS: 215-185-5 CAS: 1310-73-2  
[C] R35

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** Severe burns may occur. Progressive ulceration will occur if treatment is not immediate.

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

**Ingestion:** Nausea and stomach pain may occur. Corrosive burns may appear around the lips.

**Inhalation:** There may be a feeling of tightness in the chest with shortness of breath.

### 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. Remove all contaminated clothes and footwear immediately unless stuck to skin. Transfer to hospital if there are burns or symptoms of poisoning.

**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. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Transfer to hospital as soon as possible.

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**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Water. Water spray. Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

**Exposure hazards:** Corrosive.

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

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:** Refer to section 13 of SDS for suitable method of disposal. Transfer to a suitable container.

**7. HANDLING AND STORAGE**

**Handling requirements:** Avoid the formation or spread of mists in the air.

**Storage conditions:** Keep container tightly closed.

**Suitable packaging:** Stainless steel. Polyethylene.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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

**Hand protection:** Impermeable gloves. Gloves (alkali-resistant). PVC gloves. Viton gloves.

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

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Off-white

**Odour:** Barely perceptible odour

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Soluble

**Viscosity:** Highly viscous

**Relative density:** 1.178

**pH:** 13.5

**VOC g/l:** 0

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat.

**Materials to avoid:** Aluminium. Magnesium. Zinc.

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide. In combustion emits toxic fumes of nitrogen oxides.

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**11. TOXICOLOGICAL INFORMATION**

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

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

**12. ECOLOGICAL INFORMATION**

**Mobility:** Soluble in water.

**Persistence and degradability:** Biodegradable. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents.

**Bioaccumulative potential:** No bioaccumulation potential.

**Other adverse effects:** Negligible ecotoxicity.

**13. DISPOSAL CONSIDERATIONS**

**Disposal of packaging:** 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**

<b>UN no:</b> 1760	<b>ADR Class:</b> 8
<b>Packing group:</b> II	<b>Classification code:</b> C9
<b>Shipping name:</b> CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE)	
<b>Labelling:</b> 8	<b>Hazard ID no:</b> 80

**IMDG / IMO**

<b>UN no:</b> 1760	<b>Class:</b> 8
<b>Packing group:</b> II	<b>EmS:</b> F-A,S-B
<b>Marine pollutant:</b> .	
<b>Labelling:</b> 8	

**IATA / ICAO**

<b>UN no:</b> 1760	<b>Class:</b> 8
<b>Packing group:</b> II	
<b>Packing instructions:</b> 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.

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

S23: Do not breathe spray.

S28: After contact with skin, wash immediately with plenty of water.

S1/2: Keep locked up and out of the reach of children.

**Precautionary phrases:** Restricted to professional users.

**Haz. ingredients (label):** SODIUM HYDROXIDE(20%)

**Seveso II guideline:** No

**Water hazard class:** 1 Classification by VwVwS

**Air emission directive:** Amount m%: 0

**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

**Other information:** This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

12 X 1 LTR ; NOT SUBJECT TO ADR

**Risk phrases used in s.3:** R35: Causes severe burns.

**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.

