

# SAFETY DATA SHEET

VANQUISH

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Issued: 28/04/2003

Revision No: 1

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

**Product name:** VANQUISH

**Product code:** 304

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

**Company name:** Clover Chemicals Ltd  
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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

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

## 3. HAZARDS IDENTIFICATION

**Main hazards:** Causes severe burns.

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** Severe burns may occur.

**Eye contact:** May cause permanent damage.

**Ingestion:** Nausea and stomach pain may occur.

**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.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**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.

## 5. FIRE-FIGHTING MEASURES

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

**Exposure hazards:** Corrosive.

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**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. Turn leaking containers leak-side up to prevent the escape of liquid.

**Environmental precautions:** Do not discharge into drains or rivers.

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

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

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

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

**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

**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.

**11. TOXICOLOGICAL INFORMATION**

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

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**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.

**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>	1719	<b>ADR Class:</b>	8
<b>Packing group:</b>	III	<b>Classification code:</b>	C5
<b>Shipping name:</b>	CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE (20%))		
<b>Labelling:</b>	8	<b>Hazard ID no:</b>	80



#### IMDG / IMO

<b>UN no:</b>	1719	<b>Class:</b>	8
<b>Packing group:</b>	III	<b>EmS:</b>	F-A,S-B
<b>Marine pollutant:</b>	.	<b>Labelling:</b>	8

#### IATA / ICAO

<b>UN no:</b>	1719	<b>Class:</b>	8
<b>Packing group:</b>	III	<b>Packing instructions:</b>	819(P&CA); 813(CAO)
<b>Labelling:</b>	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.

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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.

**Seveso II guideline:** No

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

**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:** 12 X 1 LTR ; NOT SUBJECT TO ADR

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