

## SECTION 1: Identification of the substance / mixture and of the company undertaking

### 1.1. Product identifier

Trade name	:16A DRAIN KLENZ	Date of original:	29/09/1994
Product code	:1057	Revision No.:	8
Product form	:Mixture	Revision date:	15/06/2015

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Main use category	:Professional use
Industrial/Professional use spec.	:For professional use only
Use of substance/mixture	:Sink & Drain unblocker

#### 1.2.2. Uses advised against

No additional information available

### 1.3 Details of the supplier of the safety data sheet

<b>Trichem Scotland Ltd</b>	36E Inchmuir Road, Whitehill Ind. Estate, Bathgate, EH48 2EP t: 01506 634477 f: 01506 634488 e: sales@trichemscotland.co.uk
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### 1.4. Emergency telephone number

Emergency number	:Mon – Fri 9:00am – 5:00pm
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## SECTION 2: Hazards identification

### 2.1. Classification of the substance of mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Corrosive	:H314
Aquatic Acute	:H400
Full text of H-phrases	:see section 16

### 2.2. Label elements

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Single word (CLP)	:Danger
Hazardous ingredients	:Sodium hydroxide – (caustic soda)
Hazard statements (CLP)	:H314 - Causes severe skin burns and serious eye damage :H400 – Very toxic to aquatic life
Precautionary statements (CLP)	:P264 - Wash hands thoroughly after handling :P280 - Wear eye protection :P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. :P308+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. :P337+P313 - If eye irritation persists: Get medical advice/attention. :P315 - Get immediate medical attention. :P405 - Store locked up.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Hazard ingredients	CAS number	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium hydroxide (caustic soda)	1310-73-2	15-20	Skin Corrosive 1A H314, Eye Dam. 1 H318
Sodium Hypochlorite	7681-52-9	5-10	Skin Corr. 1B H214, Eye Dam. 1 H318, Aquatic Acute 1 H400

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	:Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	:Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	:Wash with plenty of soap and water. Take off immediately all contaminated clothing and wash it/them before reuse.
First-aid measures after eye contact	:IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists. Get

medical advice/attention.

First-aid measures after ingestion :Give nothing or a little water to drink. Get medical advice/attention.

**4.2. Most important symptoms and effects, both acute and delayed**

Symptoms/injuries after inhalation :May cause respiratory irritation.

Symptoms/injuries after skin contact :Burns.

Symptoms/injuries after eye contact :Causes eye damage.

Symptoms/injuries after ingestion :Burns.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

Suitable extinguishing media :Carbon dioxide. Dry powder. Foam.

**5.2. Special hazards arising from the substance or mixture**

Hazardous decomposition products in case of fire :Corrosive vapours.

**5.3. Advice for firefighters**

No additional information

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**6.1.1. For non-emergency personnel**

Emergency procedures :Evacuate unnecessary personnel.

**6.1.2. For emergency responders**

Protective equipment :Use personal protective equipment as required.

**6.2. Environmental precautions**

Avoid release to the environment

**6.3. Methods and materials for containment and cleaning up**

For containment :Collect spillage.

Methods for cleaning up :Soak up any spills with inert solids, such as clay or diatomaceous earth as soon as possible.

**6.4. Reference to other sections**

For further information refer to section 8. "Exposure controls/personal protection". For further information refer to section 13.

**SECTION 7: Handling & storage**

**7.1. Precautions for safe handling**

Precautions for safe handling :Avoid contact with eyes.

Hygiene measures :Do not eat, drink or smoke when using this product.

**7.2. Conditions for safe storage, including any incompatibilities**

Technical measures :Does not require any specific or particular technical measures.

Storage conditions :Keep container closed when not in use.

Incompatible products :Oxidising agents. Strong acids.

Special rules on packaging :Keep only in original container.

**7.3. Specific end use(s)**

No additional information available

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

No additional information available

**8.2. Exposure controls**

Materials for protective clothing :Not required for normal conditions of use.

Hand protection :Protective gloves.

Eye protection :Safety glasses

Skin and body protection :Not required for normal conditions of use.

Respiratory protection :Not required for normal conditions of use.



**SECTION 9: Physical and chemical properties**

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

Physical state	:Liquid	Decomposition temperature	:No data available
Appearance	:Mobile	Flammability (solid, gas)	:No data available
Colour	:Straw	Vapour pressure	:No data available
Odour	:Chlorine	Relative vapour density @20°C	:No data available
Odour threshold	:No data available	Relative density	:1.22
pH	:13.5	Solubility	:Water
Relative evaporation rate	:No data available	Log pow	:No data available
Melting point	:No data available	Viscosity, kinematic	:No data available
Freezing point	:No data available	Viscosity, dynamic	:No data available
Boiling point	:No data available	Explosive properties	:No data available
Flash point	:No data available	Oxidising properties	:No data available
Auto-ignition temperature	:No data available	Explosive limits	:No data available

**9.2. Other properties**

No additional information available

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

Generates toxic gas in contact with acids. Reactions with acids may generate heat.

### 10.2. Chemical stability

Inadequately vented containers may become pressurised.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Avoid exposure to high temperatures and direct sunlight.

### 10.5. Incompatible materials

Strong acids, soft metals, aluminium, tin, zinc and their alloys

### 10.6. Hazardous decomposition products

Toxic gas is liberated with contact in acids, elevated temperatures may produce hazardous gases/vapours.

## SECTION 11: Ecological information

### 11.1. Information on toxicological effects

Acute toxicity	:Not classified
Skin corrosion/irritation	:Causes severe skin burns and eye damage :pH 13.5
Serious eye damage/irritation	:Causes serious eye damage, category 1, implicit :pH 13.5
Respiratory or skin sensitisation	:Not classified
Germ cell mutagenicity	:Not classified
Carcinogenicity	:Not classified
Reproductive toxicity	:Not classified
Specific target organ toxicity (single exposure)	:Not classified
Specific target organ toxicity (repeated exposure)	:Not classified
Aspiration hazard	:Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Small amounts (less than 5 litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal to an approved waste contractor. Rinse out empty container with water and consign to normal waste.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

ADR / RID / IMDG / IATA :1719

### 14.2. UN proper shipping name

Proper shipping name (ADR) : CAUSTIC ALKALI LIQUID, N.O.S, sodium hydroxide & hypochlorite solution  
Proper shipping name (IMDG) : CAUSTIC ALKALI LIQUID, N.O.S, sodium hydroxide & hypochlorite solution  
Proper shipping name (IATA) : CAUSTIC ALKALI LIQUID, N.O,S, sodium hydroxide & hypochlorite solution

### 14.3. Transport hazard class(es)

#### ARD

Transport hazard class(es) (ADR) :8

#### IMDG

Transport hazard class(es) (IMDG) :8

#### IATA

Transport hazard class(es) (IATA) :8

### 14.4. Packing group

Packing group (ADR) :II  
Packing group (IMDG) :II  
Packing group (IATA) :II

### 14.5. Environmental hazards

Dangerous to the environment :Yes  
Marine pollutant :Yes  
Other information :No supplementary information available

#### 14.6. Special precautions for user

Overland transport

Classification code (ARD)	Portable tank and bulk container special provisions (ADR)
Limited quantities (ARD)	Tank code (ADR)
Excepted quantities (ADR)	Vehicle for tank carriage (ADR)
Packaging instructions (ADR)	Transport category (ADR)
Portable tank and bulk container instructions (ADR)	Hazard identification number (Kemier No.)

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IBC code :Not applicable

### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulation

Contains no substances with annex XVII restrictions  
Contains no substances on the REACH candidate list  
Contains no REACH Annex XIV substances

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

### SECTION 16: Other information

The Risk Phrases / Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this Product see Section 2.

Full text of R-, H- and EUH-phrases

H290	May be corrosive to metals
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H400	Very toxic to aquatic life

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*