



**1. IDENTIFICATION OF SUBSTANCE OR PREPARATION**

**HEAVY DUTY CHLORINATED DETERGENT (9429)**

**3. HAZARDS IDENTIFICATION**

**Corrosive**

Causes severe burns

**4. FIRST AID MEASURES**

**Inhalation**

Remove patient to fresh air

**Ingestion**

Give milk or water as a diluent. 15mls per kilo of body weight to a maximum of 200-300 mls and seek immediate medical attention.

**5. FIRE FIGHTING MEASURES**

Material is not flammable. Use any suitable fire-fighting medium.

**6. ACCIDENTAL RELEASE MEASURES**

Absorb large spillages with sand or any suitable medium. Dispose of according to local authority guidelines. Small spillages may be flushed away with water. Avoid washings entering watercourses. Do not allow product to enter eyes.

**7. HANDLING AND STORAGE**

**Handling**

Avoid skin and eye contact.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respiratory Protection**

Not necessary unless used in confined space..

**Skin Protection**

Wear suitable overalls.

**Hand Protection**

Wear suitable gloves such as rubber or plastic.

**Occupational Exposure Limit**

100% Sodium/Potassium Hydroxide. Has an OES of 2mg/m-3 (short and long term)

**Eye Protection**

Wear goggles.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

Clear straw

**Odour**

Chlorine

**pH**

13 ±1

**pH of 0.5%**

13 ±1

**Boiling Point**

Not determined

**Melting Point**

Not determined

**Flash Point**

Not determined

**Vapour**

**Pressure**

Not determined

**Relative**

**Density**

1.300 ±0.010

**Solubility in**

**Water**

Soluble

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Potassium Hydroxide at 6% w/w UN.1814  
Sodium Hypochlorite at 4.3%w/w UN.1791

Contains Potassium Hydroxide at 6% w/w UN.1814  
Contains Sodium Hypochlorite at 4.3%w/w UN.1791

**Eye Contact**

Irrigate the eye with water or eye wash solution for at least 10 minutes and seek medical attention.

**Notes to Physician**

Treat as symptomatic

**Skin Contact**

Flush with plenty of water and remove contaminated clothing and seek medical attention

**10. STABILITY AND REACTIVITY**

**Conditions to Avoid**  
Extremes of temperature.

**Materials to Avoid**  
Do not mix with acids.

**Hazardous Decomposition Products**

**11. TOXICOLOGY INFORMATION**

**Skin Contact**  
Will cause burns

**Eye Contact**  
Can cause severe damage

**Ingestion**  
May cause nausea.  
Irritation to the digestive system can occur.

**12. ECOLOGICAL INFORMATION**

Should not present an ecological hazard.

**13. DISPOSAL CONSIDERATIONS**

Can be disposed by flushing away with water. For large quantities seek advice from specialist waste disposal company.

**14. TRANSPORT INFORMATION**

**UN No**  
1760

**IMDG**

**ICAO / IATO**

**ADR**  
Class 8

**Proper Shipping Name**

**Additional Information**

**15. REGULATORY INFORMATION**

**Symbol**  
Corrosive

**R-phrases**

**S-phrases**

R31  
Contact with acids liberates toxic gas.  
R35  
Causes severe burns

S1/2  
Keep locked up and out of reach of children.  
S37 & 39  
Wear suitable gloves and eye/face protection. In case of contact with eyes rinse immediately with plenty of water and seek medical advice.  
S45  
In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).  
S50  
Do not mix with acids

**Additional Information**

Refer to National Legislation for specific measures that may be relevant.

**16. OTHER INFORMATION**

The information given in this safety data sheet is based on knowledge available at the time of compilation and is intended to describe the product only in terms of health and safety requirements. It does not signify any warranty with regard to specific properties or specifications,