



## SAFETY DATA SHEET TRUCK MOUNT DESCALER

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name TRUCK MOUNT DESCALER  
Product No. E551

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

Identified uses A liquid inhibited descaler for removal of hard water deposits from Prochem truck mounts.

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

Supplier Prochem Europe Ltd  
Oakcroft Road  
Chessington  
Surrey  
KT9 1RH  
Telephone: 020 8974 1515  
Fax: 020 8974 1511  
www.prochem.co.uk  
sales@prochem.co.uk

#### 1.4. Emergency telephone number

020 8974 1515 (office hours 8am to 5pm Monday to Friday) Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department, who may seek advice from the UK National Poisons Information Service, where our full product details are held.

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xn;R22. Xi;R38, R41.

##### Human health

Risk of serious damage to eyes. Contact with concentrate May cause severe irritation to eyes. Prolonged or repeated exposure may cause: Skin irritation. Inhalation may cause: Upper respiratory irritation. Ingestion may cause: irritation nausea Systemic Effects

##### Environment

The product is not expected to be hazardous to the environment. The product is expected to be biodegradable.

##### Physical and Chemical Hazards

None.

#### 2.2. Label elements

##### Labelling



Harmful

##### Risk Phrases

R22	Harmful if swallowed.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.

##### Safety Phrases

S2	Keep out of the reach of children.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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S28  
S36/37/39

After contact with skin, wash immediately with plenty of water.  
Wear suitable protective clothing, gloves and eye/face protection.

## 2.3. Other hazards

See section 8 for details of exposure limits.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

UREA HYDROCHLORIDE		5-15%
CAS-No.: 506-89-8	EC No.:	
Classification (EC 1272/2008) Met. Corr. 1 - H290 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335	Classification (67/548/EEC) Xn;R22. Xi;R38,R41.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### **Inhalation**

Remove victim immediately from source of exposure. Consult a physician for specific advice.

#### **Ingestion**

Do not induce vomiting. Rinse mouth thoroughly. Do not give victim anything to drink if they are unconscious. Seek medical advice immediately and show the container or label.

#### **Skin contact**

Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

#### **Eye contact**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention.

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

#### **Inhalation**

Irritation of nose and throat. Coughing, chest tightness, feeling of chest pressure.

#### **Ingestion**

Ingestion may cause: irritation of mouth and throat.

#### **Skin contact**

Causes skin irritation.

#### **Eye contact**

Causes serious eye damage.

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

In the event of contact with eyes or ingestion seek immediate medical help.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### **Extinguishing media**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Water spray, dry powder or carbon dioxide.

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

#### **Hazardous combustion products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### **Unusual Fire & Explosion Hazards**

No unusual fire or explosion hazards noted.

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## 5.3. Advice for firefighters

### **Protective equipment for fire-fighters**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

Collect with absorbent, non-combustible material into suitable containers. Dispose of waste and residues in accordance with local authority requirements.

### 6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

## **SECTION 7: HANDLING AND STORAGE**

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Wash hands after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using the product.

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

Keep out of the reach of children. Store in closed original container at temperatures between 5°C and 30°C. Avoid Metals.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### 8.1. Control parameters

#### **Ingredient Comments**

No exposure limits noted for ingredient(s).

### 8.2. Exposure controls

#### **Protective equipment**



#### **Engineering measures**

Provide adequate ventilation.

#### **Respiratory equipment**

For situations where recommended exposure limits may be exceeded or where there is a risk of inhalation of fine spray mists, a suitable respirator face mask is recommended.

#### **Hand protection**

Nitrile gloves are recommended. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

#### **Eye protection**

Side shield safety glasses are recommended when handling this product.

#### **Hygiene measures**

Wash hands after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using the product.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Colourless to pale yellow.
<b>Odour</b>	Odourless.
<b>Solubility</b>	Soluble in water.
<b>Initial boiling point and boiling range (°C)</b>	100°C
<b>Relative density</b>	1.02
<b>Vapour density (air=1)</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>pH-Value, Conc. Solution</b>	1
<b>pH-Value, Diluted Solution</b>	1
<b>Viscosity</b>	Not determined.
<b>Flash point (°C)</b>	Not applicable.
<b>Flammability Limit - Lower(%)</b>	Not applicable.
<b>Partition Coefficient (N-Octanol/Water)</b>	Not determined.
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.

## 9.2. Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Not determined.

### 10.4. Conditions to avoid

Store in closed original container at temperatures between 5°C and 30°C. Protect from freezing and direct sunlight.

### 10.5. Incompatible materials

#### **Materials To Avoid**

Avoid contact with metals when not in use. Strong oxidising agents.

### 10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### **Acute toxicity:**

Ingestion may cause: irritation nausea Systemic Effects Product is acidic and may be mildly corrosive to mucous membranes. Inhalation may cause: Upper respiratory irritation.

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## **Skin Corrosion/Irritation:**

Prolonged or repeated exposure may cause: Skin irritation.

## **Serious eye damage/irritation:**

Contact with concentrate May cause severe irritation to eyes. Risk of serious damage to eyes.

## **Respiratory or skin sensitisation:**

None known.

## **Germ cell mutagenicity:**

No effects expected based upon current data.

## **Carcinogenicity:**

No effects expected based upon current data.

## **Reproductive Toxicity:**

No effects expected based upon current data.

### **Toxicological information on ingredients.**

#### **UREA HYDROCHLORIDE (CAS: 506-89-8)**

#### **Acute toxicity:**

Acute Toxicity (Oral LD50)

1121 mg/kg Rat

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

Not determined.

### **12.2. Persistence and degradability**

#### **Degradability**

The product is expected to be biodegradable. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

#### **Ecological information on ingredients.**

#### **UREA HYDROCHLORIDE (CAS: 506-89-8)**

Chemical Oxygen Demand

3500 g O<sub>2</sub>/g substance

### **12.3. Bioaccumulative potential**

#### **Bioaccumulative potential**

Not known.

#### **Partition coefficient**

Not determined.

### **12.4. Mobility in soil**

#### **Mobility:**

The product is soluble in water.

### **12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

### **12.6. Other adverse effects**

None known.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements. Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

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## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN number

UN No. (ADR/RID/ADN) 3265

UN No. (IMDG) 3265

### 14.2. UN proper shipping name

Proper Shipping Name Corrosive Liquid, Acidic, Organic, N.O.S. (Urea hydrochloride solution)

### 14.3. Transport hazard class(es)

ADR/RID/ADN Class Class 8: Corrosive substances.

IMDG Class 8

### 14.4. Packing group

Supplied in accordance with "Limited Quantity" provisions.

ADR/RID/ADN Packing group III

### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

### 14.6. Special precautions for user

None.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## SECTION 15: REGULATORY INFORMATION

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

#### Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

#### EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

### General information

Telephone 020 8974 1515

### Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision Date 02/06/2014

Revision 2

Supersedes date 27/03/2014

Signature Aaron Saunders

## TRUCK MOUNT DESCALER

### Risk Phrases In Full

R22	Harmful if swallowed.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.

### Hazard Statements In Full

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

### Disclaimer

For additional information on safety, training and use of this product, contact the supplier. This product is intended for professional use only. The information given is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any guarantee as to the intended use.