



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

##### 1.4. Emergency telephone number

Emergency telephone 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

###### Physical hazards

Met. Corr. 1 - H290

###### Health hazards

Skin Irrit. 2 - H315 Eye Dam. 1 - H318

###### Environmental hazards

Not Classified

###### Classification (67/548/EEC or 1999/45/EC)

Xn;R22. Xi;R38,R41.

###### Human health

Risk of serious damage to eyes. May cause severe eye irritation. Causes skin irritation. Inhalation may cause: Upper respiratory irritation. Ingestion may cause: irritation nausea systemic effects

###### Environmental

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

###### Physicochemical

May be corrosive to metals.

##### 2.2. Label elements

# TRUCK MOUNT DESCALER

## Pictogram



**Signal word** Danger

## Hazard statements

- H290 May be corrosive to metals.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.

## Precautionary statements

- P102 Keep out of reach of children.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P264 Wash hands thoroughly after handling.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER/doctor.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P390 Absorb spillage to prevent material damage.

**Contains** UREA HYDROCHLORIDE

## 2.3. Other hazards

See section 8 for details of exposure limits.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>UREA HYDROCHLORIDE</b>	<b>5-15%</b>
CAS number: 506-89-8 EC number: —	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Met. Corr. 1 - H290	Xn;R22. Xi;R38,R41.
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
STOT SE 3 - H335	
STOT SE 3 - H335	

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 affected person from source of contamination. Consult a physician for specific advice.

#### Ingestion

Do not induce vomiting. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. 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

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention.

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

## TRUCK MOUNT DESCALER

### Inhalation

Irritation of nose, throat and airway. 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

#### Notes for the doctor

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

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## SECTION 5: Firefighting measures

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### 5.1. Extinguishing media

#### Suitable extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Water spray, dry powder or carbon dioxide.

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

#### Specific hazards

No unusual fire or explosion hazards noted.

#### Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

### 5.3. Advice for firefighters

#### Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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## SECTION 6: Accidental release measures

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

#### Personal precautions

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

### 6.2. Environmental precautions

#### Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

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

#### Methods for cleaning up

Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 6.4. Reference to other sections

#### Reference to other sections

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

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## SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

#### Usage precautions

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

## TRUCK MOUNT DESCALER

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

#### Storage precautions

Keep out of the reach of children. Store in closed original container at temperatures between 5°C and 30°C. Store away from the following materials: Metals.

### 7.3. Specific end use(s)

#### Specific end use(s)

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

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## SECTION 8: Exposure Controls/personal protection

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### 8.1. Control parameters

#### Occupational exposure limits

#### Ingredient comments

No exposure limits known for ingredient(s).

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation.

#### Eye/face protection

Side shield safety glasses are recommended when handling this product.

#### Hand protection

Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

#### Hygiene measures

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

#### Respiratory protection

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.

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## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Clear liquid.

#### Colour

Colourless to pale yellow.

#### Odour

Odourless.

#### pH

pH (concentrated solution): 1

#### Initial boiling point and range

100°C

#### Flash point

Not applicable.

#### Evaporation rate

Not determined.

## TRUCK MOUNT DESCALER

### Upper/lower flammability or explosive limits

Not applicable.

### Vapour pressure

Not determined.

### Vapour density

Not determined.

### Relative density

1.02

### Solubility(ies)

Soluble in water.

### Partition coefficient

Not determined.

### Viscosity

Not determined.

### Explosive properties

Not applicable.

### Oxidising properties

Not applicable.

## 9.2. Other information

### Other information

None.

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## SECTION 10: Stability and reactivity

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### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

#### Stability

Stable at normal ambient temperatures and when used as recommended.

### 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 products may include the following substances: Oxides of carbon. Oxides of nitrogen.

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## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

#### Toxicological effects

Ingestion may cause: irritation nausea systemic effects Product is acidic and may be mildly corrosive to mucous membranes.

Inhalation may cause: Upper respiratory irritation.

#### Acute toxicity - oral

##### ATE oral (mg/kg)

3,571.42857143

#### Skin corrosion/irritation

## TRUCK MOUNT DESCALER

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/irritation**

Risk of serious damage to eyes. May cause severe eye irritation.

**Skin sensitisation**

None known.

**Germ cell mutagenicity**

**Genotoxicity - in vivo**

No effects expected based upon current data.

**Carcinogenicity**

No effects expected based upon current data.

**Reproductive toxicity**

**Reproductive toxicity - fertility**

No effects expected based upon current data.

**Toxicological information on ingredients.**

**UREA HYDROCHLORIDE**

**Acute toxicity - oral**

**Acute toxicity oral (LD50 mg/kg)**

1,121

**Species**

Rat

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### **SECTION 12: Ecological Information**

**12.1. Toxicity**

Not determined.

**12.2. Persistence and degradability**

**Persistence and degradability**

The product is expected to be biodegradable. The surfactant(s) contained in this product 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**

**Chemical oxygen demand**

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

**12.3. 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 substances classified as PBT or vPvB.

**12.6. Other adverse effects**

None known.

## TRUCK MOUNT DESCALER

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID) 3265

UN No. (IMDG) 3265

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) Corrosive Liquid, Acidic, Organic, N.O.S. (Urea hydrochloride solution)

Proper shipping name (IMDG) Corrosive Liquid, Acidic, Organic, N.O.S. (Urea hydrochloride solution)

#### 14.3. Transport hazard class(es)

IMDG class 8

#### 14.4. Packing group

Supplied in accordance with "Limited Quantity" provisions.

ADR/RID packing group III

IMDG 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

##### National regulations

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

##### 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) (as amended). 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 (as amended).

#### 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

### TRUCK MOUNT DESCALER

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

**Revision date** 13/02/2015

**Revision** 3

**Supersedes date** 02/06/2014

**Signature** Aaron Saunders

**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.