

**SAFETY DATA SHEET****TD'Scale****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name TD'Scale  
Product number 11018 / 110&%

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

Identified uses Cleaning agent.

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

Supplier Premiere Products  
Oakley Gardens  
Bouncers Lane  
Cheltenham  
Gloucestershire  
GL52 5JD  
01242 537103, 01242 537177  
Fax - 01242 528445  
laboratory@premiereproducts.co.uk

**1.4. Emergency telephone number**

Emergency telephone +44 (0)1242 537177 GMT 9am-5pm Monday-Friday

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification****Physical hazards**

Not Classified

**Health hazards**

Skin Corr. 1B - H314

**Environmental hazards**

Not Classified

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

C;R34.

**Human health**

See Section 11 for additional information on health hazards.

**Environmental**

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

**2.2. Label elements****Pictogram**

Signal word Danger

### TD'Scale

#### Hazard statements

H314 Causes severe skin burns and eye damage.

#### Precautionary statements

- P260 Do not breathe vapour/spray.
- P264 Wash contaminated skin thoroughly after handling.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- 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.
- P321 Specific treatment (see medical advice on this label).
- P363 Wash contaminated clothing before reuse.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with national regulations.

#### Contains

HYDROCHLORIC ACID ...%

#### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

HYDROCHLORIC ACID ...%	5-10%
CAS number: 7647-01-0 EC number: 231-595-7	
<b>Classification</b> Met. Corr. 1 - H290 Skin Corr. 1B - H314 STOT SE 3 - H335	<b>Classification (67/548/EEC or 1999/45/EC)</b> C;R34 Xi;R37

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. Move affected person to fresh air at once. Get medical attention if any discomfort continues.

##### Ingestion

Rinse mouth thoroughly with water. Give plenty of water to drink. DO NOT induce vomiting. Get medical attention immediately.

##### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention immediately.

##### Eye contact

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

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

##### Inhalation

May cause respiratory irritation

##### Ingestion

May cause chemical burns in mouth and throat.

## TD'Scale

### Skin contact

May cause serious chemical burns to the skin.

### Eye contact

May cause blurred vision and serious eye damage.

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

#### Notes for the doctor

Treat symptomatically.

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## SECTION 5: Firefighting measures

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### **5.1. Extinguishing media**

#### Suitable extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog.

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

#### Specific hazards

No unusual fire or explosion hazards noted.

#### Hazardous combustion products

Does not decompose when used and stored as recommended.

### **5.3. Advice for firefighters**

#### Protective actions during firefighting

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

#### 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

Avoid discharge into drains or watercourses or onto the ground.

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

#### Methods for cleaning up

Absorb in vermiculite, dry sand or earth and place into containers.

### **6.4. Reference to other sections**

#### Reference to other sections

See Section 11 for additional information on health hazards.

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## SECTION 7: Handling and storage

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### **7.1. Precautions for safe handling**

#### Usage precautions

Read and follow manufacturer's recommendations.

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

#### Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

#### Storage class

Chemical storage.

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

## TD'Scale

### 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

#### Occupational exposure limits

#### HYDROCHLORIC ACID ...%

Long-term exposure limit (8-hour TWA): WEL 1 ppm 2 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 5 ppm 8 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

### 8.2. Exposure controls

#### Protective equipment



#### Eye/face protection

The following protection should be worn: Chemical splash goggles or face shield.

#### Hand protection

Use protective gloves.

#### Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination.

#### Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Viscous liquid. Liquid.

#### Colour

Blue.

#### Odour

Perfume.

#### Odour threshold

Not determined. Not determined.

#### pH

pH (concentrated solution): 0.5 Not determined.

#### Melting point

Not determined.

#### Initial boiling point and range

Not determined.

#### Flash point

Not determined.

#### Evaporation rate

Not determined.

#### Evaporation factor

Not determined.

#### Upper/lower flammability or explosive limits

**TD'Scale**

Not determined. : :

**Other flammability**

Not determined.

**Vapour pressure**

Not determined.

**Vapour density**

Not determined.

**Relative density**

1.090 @ 20°C

**Bulk density**

Not determined.

**Solubility(ies)**

Not determined. Soluble in water.

**Partition coefficient**

Not determined.

**Auto-ignition temperature**

Not determined.

**Decomposition Temperature**

Not determined.

**Viscosity**

150 - 200 cP @ 20°C

**Explosive properties**

Not determined.

**Oxidising properties**

Not determined.

**9.2. Other information****Other information**

Not known.

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**SECTION 10: Stability and reactivity**

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**10.1. Reactivity**

The following materials may react with the product: Strong oxidising agents. Alkalis. Strong reducing agents.

**10.2. Chemical stability****Stability**

Stable at normal ambient temperatures and when used as recommended.

**10.3. Possibility of hazardous reactions**

Not known.

**10.4. Conditions to avoid**

The following materials may react violently with the product: Strong oxidising agents. Generates toxic gas in contact with alkalis. Oxidising materials.

**10.5. Incompatible materials****Materials to avoid**

Strong oxidising agents. Strong reducing agents.

**10.6. Hazardous decomposition products**

Not known.

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**SECTION 11: Toxicological information**

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**TD'Scale****11.1. Information on toxicological effects****Acute toxicity - oral**

Not determined.

**Acute toxicity - dermal**

Not determined.

**Acute toxicity - inhalation**

Not determined.

**Germ cell mutagenicity****Genotoxicity - in vitro**

Not determined.

**Genotoxicity - in vivo**

Not determined.

**Carcinogenicity**

Not determined.

**Reproductive toxicity****Reproductive toxicity - fertility**

Not determined.

**Reproductive toxicity - development**

Not determined.

**Specific target organ toxicity - single exposure****STOT - single exposure**

Not determined.

**Specific target organ toxicity - repeated exposure****STOT - repeated exposure**

Not determined.

**Aspiration hazard**

Not determined.

**Inhalation**

May cause respiratory system irritation.

**Ingestion**

May cause burns

**Skin contact**

May cause serious chemical burns to the skin.

**Eye contact**

May cause blurred vision and serious eye damage.

**Acute and chronic health hazards**

This product is corrosive.

**Target organs**

No specific target organs known.

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**SECTION 12: Ecological Information**

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**Ecotoxicity**

There are no data on the ecotoxicity of this product.

**12.1. Toxicity****12.2. Persistence and degradability**

## TD'Scale

### Persistence and degradability

The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

### 12.3. Bioaccumulative potential

No data available on bioaccumulation.

### 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.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### General information

Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

#### Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

<b>General</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### 14.1. UN number

<b>UN No. (ADR/RID)</b>	3264
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<b>UN No. (IMDG)</b>	3264
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### 14.2. UN proper shipping name

<b>Proper shipping name (ADR/RID)</b>	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (hydrochloric acid)
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<b>Proper shipping name (IMDG)</b>	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (hydrochloric acid)
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<b>Proper shipping name (ICAO)</b>	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (hydrochloric acid)
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<b>Proper shipping name (ADN)</b>	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (hydrochloric acid)
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### 14.3. Transport hazard class(es)

<b>IMDG class</b>	Class 8: Corrosive substance
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#### Transport labels



### 14.4. Packing group

<b>ADR/RID packing group</b>	III
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<b>IMDG packing group</b>	III
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**TD'Scale****14.5. Environmental hazards****Environmentally hazardous substance/marine pollutant**

No.

**14.6. Special precautions for user**

Not known.

**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).

**EU legislation**

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). Detergents Regulations (EC) No 648/2004

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**SECTION 16: Other information****Issued by** Health & Safety Officer**Revision date** 01/06/2015**Revision** 3**Supersedes date** 18/07/2013**SDS number** 2**Risk phrases in full**

R34 Causes burns.

R37 Irritating to respiratory system.

R43 May cause sensitisation by skin contact.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R68/22 Harmful: possible risk of irreversible effects if swallowed.

**Hazard statements in full**

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.