

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

Product name D-Scale
Product number 06036
Container size 2 x 5 litre containers

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

Contact person Laboratory

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. 1C - H314 Eye Irrit. 2 - H319

Environmental hazards

Not Classified

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

C;R35.

2.2. Label elements**Pictogram**

Signal word Danger

Hazard statements

D-Scale

H314 Causes severe skin burns and eye damage.
H319 Causes serious eye irritation.

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).
P337+P313 If eye irritation persists: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P405 Store locked up.
P501 Dispose of contents/container in accordance with national regulations.

Contains

PHOSPHORIC 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

PHOSPHORIC ACID ...%	10-30%
CAS number: 7664-38-2 EC number: 231-633-2	
Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Corr. 1B - H314	C;R34
Eye Dam. 1 - H318	

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.

Ingestion

Rinse mouth thoroughly with water. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.

Skin contact

Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.

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 promptly if symptoms occur after washing.

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

Inhalation

Considered to be a low inhalation hazard at normal workplace temperatures.

Ingestion

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May cause chemical burns in mouth, oesophagus and stomach.

Skin contact

Causes severe burns.

Eye contact

Causes serious eye irritation. May cause chemical eye burns.

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

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting measures

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

Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters

Use air-supplied respirator, gloves and protective goggles. Wear chemical protective suit.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

No action shall be taken without appropriate training or involving any personal risk.

6.2. Environmental precautions

Environmental precautions

Do not discharge into drains or watercourses or onto the ground. Collect and dispose of spillage as indicated in Section 13.

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. Collect and place in suitable waste disposal containers and seal securely. Place waste in labelled, sealed containers.

6.4. Reference to other sections

Reference to other sections

For waste disposal, see Section 13.

SECTION 7: Handling and storage

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

Protect from freezing and direct sunlight. Store in tightly-closed, original container in a dry and cool place.

Storage class

D-Scale

Chemical storage.

7.3. Specific end use(s)

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

PHOSPHORIC ACID ...%

Long-term exposure limit (8-hour TWA): WEL 1 mg/m³

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment



Eye/face protection

Wear chemical splash goggles.

Hand protection

Wear protective gloves. It is recommended that chemical-resistant, impervious gloves are worn.

Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination.

Hygiene measures

When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations.

Environmental exposure controls

Keep container tightly sealed when not in use.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Clear liquid.

Colour

Pink.

Odour

Odourless.

Odour threshold

Not available.

pH

pH (concentrated solution): 1.5

Melting point

Not available.

Initial boiling point and range

Approx 100°C @

Flash point

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Not available.

Evaporation rate

Not available.

Evaporation factor

Not available.

Upper/lower flammability or explosive limits

Not available.

Other flammability

Not available.

Vapour pressure

Not available.

Vapour density

Not available.

Relative density

Not available.

Bulk density

1.135

Solubility(ies)

Soluble in water.

Partition coefficient

Not available.

Auto-ignition temperature

Not available.

Decomposition Temperature

Not available.

Viscosity

<10 cP @ 20°C

Explosive properties

Not available.

Explosive under the influence of a flame

Not considered to be explosive.

Oxidising properties

Not available.

Comments

Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

9.2. Other information

Other information

Not known.

SECTION 10: Stability and reactivity

10.1. Reactivity

The following materials may react violently with the product: Oxidising agents. Reducing agents.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

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Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid

Strong oxidising agents. Reducing agents.

10.6. Hazardous decomposition products

Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Not available.

Acute toxicity - dermal

Not available.

Acute toxicity - inhalation

Not available.

Skin corrosion/irritation

Extreme pH

= 2

Serious eye damage/irritation

Not available.

Respiratory sensitisation

Not available.

Skin sensitisation

Not available.

Germ cell mutagenicity

Genotoxicity - in vitro

Not available.

Genotoxicity - in vivo

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Reproductive toxicity - fertility

Not available.

Reproductive toxicity - development

Not available.

Specific target organ toxicity - single exposure

STOT - single exposure

Not available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

Not available.

Aspiration hazard

Not known.

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Inhalation

Considered to be a low inhalation hazard at normal workplace temperatures.

Ingestion

May cause chemical burns in mouth, oesophagus and stomach.

Skin contact

May cause serious chemical burns to the skin.

Eye contact

Causes serious eye irritation. May cause chemical eye burns.

Acute and chronic health hazards

This product is corrosive. Prolonged contact may cause burns.

Target organs

No specific target organs known.

SECTION 12: Ecological Information

Ecotoxicity

There are no data on the ecotoxicity of this product.

12.1. Toxicity

12.2. Persistence and degradability

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 available.

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.

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

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

14.1. UN number

UN No. (ADR/RID) 3264

UN No. (IMDG) 3264

D-Scale**14.2. UN proper shipping name**

Proper shipping name (ADR/RID)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S (phosphoric acid)
Proper shipping name (IMDG)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S (phosphoric acid)
Proper shipping name (ICAO)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S (phosphoric acid)
Proper shipping name (ADN)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S (phosphoric acid)

14.3. Transport hazard class(es)

ADR/RID class	Class 8: Corrosive Substance
IMDG class	Class 8: Corrosive Substance

Transport labels**14.4. Packing group**

No information required.

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

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	7
Supersedes date	16/06/2010
SDS number	4
Risk phrases in full	

D-Scale

R34 Causes burns.

R35 Causes severe burns.

Hazard statements in full

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.