

## FIZZ

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

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

#### 1.1 Product identifier

Product Name Fizz - Acid Descaler

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

Identified Use(s) Not known.

Uses Advised Against Not known.

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

##### Manufacturer

Company Identification R&D Laboratories Ltd  
Address of Manufacturer Unit 11  
Moira Industrial Estate  
Moira  
Postal code BT67 0LZ  
Telephone: 02894465753  
Fax Not known.  
E-mail support@rdlabs.co.uk  
Office hours

##### Supplier

Company Identification R&D Laboratories Ltd  
Address of Supplier Unit 11  
Moira Industrial Estate  
Moira  
Postal code BT67 0LZ  
Telephone: 02894465753  
Fax Not known.  
E-mail support@rdlabs.co.uk  
Office hours

#### 1.4 Emergency telephone number

Emergency Phone No. 111

Contact NHS

#### National response centre

Address NHS Direct

Emergency Phone No. +44 111

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567 Skin Irrit. 2 : Causes skin irritation.  
Eye Irrit. 2 : Causes serious eye irritation.

#### 2.2 Label elements

Product Name According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567  
Fizz - Acid Descaler

**FIZZ**

Hazard Pictogram(s)



GHS07

Signal Word(s)

Warning

Hazard Statement(s)

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Precautionary Statement(s)

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment (see Medical Advice on this label).

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

**2.3 Other hazards**

None known.

**2.4 Additional Information**

For full text of H/P Statements see section 16.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

Not applicable.

**3.2 Mixtures**

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Water	7732-18-5	231-791-2	80.00	Not classified.	None
phosphoric acid	7664-38-2	616-646-7	18-20	Skin Corr. 1B H314	GHS05

For full text of H/P Statements see section 16.

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

Inhalation

Treat symptomatically.

Skin Contact

Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label).

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

Treat symptomatically.

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

May cause irritation.

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

Specific treatment (see Medical Advice on this label). Treat symptomatically.

**SECTION 5: FIREFIGHTING MEASURES**

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### 5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.  
 Unsuitable extinguishing media None.

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

May decompose in a fire, giving off toxic and irritant vapours.

### 5.3 Advice for firefighters

As appropriate for surrounding fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.

### 6.2 Environmental precautions

This material and its container must be disposed of in a safe way.

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

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

### 6.4 Reference to other sections

See Also Section 8, 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

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

Storage temperature Ambient.  
 Storage life Stable under normal conditions.  
 Incompatible materials None known.

### 7.3 Specific end use(s)

Not known.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note

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Orthophosphoric acid	7664-38-2	1	2
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Region	Source
United Kingdom	UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark	Notes
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### 8.2 Exposure controls

8.2.1. Appropriate engineering controls    Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection    Wear eye protection with side protection (EN166).



Skin protection    Wear protective clothing and gloves: Impervious gloves (EN 374).



Respiratory protection    Normally no personal respiratory protection is necessary.



Thermal hazards    None known.

8.2.3. Environmental Exposure Controls    Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid. Colour : Colourless
Odour	Almost odourless.
Odour threshold	Not known.
pH	< 7.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not known.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	1.1150
Relative density	Not known.
Solubility(ies)	Solubility (Water) : Miscible Solubility (Other) : Not known.

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Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

### 9.2 Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

None anticipated.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

### 10.4 Conditions to avoid

None anticipated.

### 10.5 Incompatible materials

Not known.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity - Ingestion	Calculation method : Not classified.
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified.
Skin corrosion/irritation	Calculation method : Causes skin irritation.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.

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Aspiration hazard                      Calculation method : Not classified.

### 11.2 Other information

Not known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxicity - Aquatic invertebrates    Low toxicity to invertebrates.

Toxicity - Fish                            Low toxicity to fish.

Toxicity - Algae                         Low toxicity to algae.

Toxicity - Sediment  
Compartment                            Not classified.

Toxicity - Terrestrial  
Compartment                            Not classified.

### 12.2 Persistence and degradability

Not known.

### 12.3 Bioaccumulative potential

Not known.

### 12.4 Mobility in soil

Not known.

### 12.5 Results of PBT and vPvB assessment

Not known.

### 12.6 Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Send to a licensed recycler, reclaimer or incinerator. Dispose at suitable refuse site.

### 13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN number

UN No.

### 14.2 UN proper shipping name

UN proper shipping name

### 14.3 Transport hazard class(es)

### ADR/RID

ADR/RID Class

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ADR Classification Code  
Special Provisions  
Limited Quantities  
Excepted Quantities  
Emergency Action Code  
Mixed Packing Instructions for Packages  
Special Packing Provisions for Packages  
Mixed Packing Instructions for Packages  
Packing Instructions for Portable Tanks  
Special Provisions for Portable Tanks  
Tank Code for Tanks  
Special Provisions for Tanks  
Vehicle for Tank Carriage  
ADR Transport Category  
Tunnel Restriction Code  
Special Provisions for Carriage - Packages  
Special Provisions for Carriage - Bulk  
Special Provisions for Carriage - Loading, Unloading and Handling  
Special Provisions for Carriage - Operation  
ADR HIN

### **IMDG**

IMDG Class  
Special Provisions  
Limited Quantities  
Excepted Quantities  
Mixed Packing Instructions for Packages  
Special Packing Provisions for Packages  
Packing Instructions for Portable Tanks  
Special Provisions for Portable Tanks  
IMDG EMS  
Stowage and Handling  
Segregation  
Marine Pollutant

### **ICAO/IATA**

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IATA Proper Shipping Name  
Excepted Quantities  
Passenger and Cargo Aircraft  
Limited Quantities Packing  
Instructions  
Passenger and Cargo Aircraft  
Limited Quantities Max net Qty  
Passenger and Cargo Aircraft  
Packing Instructions  
Passenger and Cargo Aircraft  
Max net Qty  
Cargo Aircraft Packing  
Instructions  
Cargo Aircraft Max net Qty  
Special Provisions  
Emergency Response  
Guidebook (ERG) Code

### Labels

Labels

### 14.4 Packing group

Packing group

### 14.5 Environmental hazards

Environmental hazards                      Not classified as a Marine Pollutant.

### 14.6 Special precautions for user

Special precautions for user              Not known.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No information available

## SECTION 15: REGULATORY INFORMATION

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

#### United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of Substances of Very High Concern for Authorisation	Not listed
UK REACH Authorisation List (Annex XIV) list of substances subject to authorisation	Not listed
UK REACH Restrictions List (Annex XVII) Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	phosphoric acid (7664-38-2)
UK REACH Rolling Action Plan (RAP)	Not listed



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The Persistent Organic Pollutants Regulations 2007 (SI 2007/3106) as amended Not listed

The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019/583) Not listed

The Prior Informed Consent (PIC) Regulations concerning the export and import of hazardous chemicals SI2008/2108 as amended Not listed

### European Regulations - Authorisations and/or Restrictions On Use

Community Rolling Action Plan (CoRAP) Not listed

### 15.2 Chemical Safety Assessment

United Kingdom A REACH chemical safety assessment has not been carried out.

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

### LEGEND

Hazard Pictogram(s)



GHS07

GHS05: GHS: Corrosion

Hazard classification

Skin Corr. 1B : Skin corrosion/irritation, Category 1B  
Skin Irrit. 2 : Skin corrosion/irritation, Category 2  
Eye Irrit. 2 : Serious eye damage/irritation, Category 2

Hazard Statement(s)

H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.

Precautionary Statement(s)

P264: Wash hands and exposed skin thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321: Specific treatment (see Medical Advice on this label).  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P362+P364: Take off contaminated clothing and wash it before reuse.

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Acronyms	<p>ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service DNEL : Derived No Effect Level EC : European Community EINECS : European Inventory of Existing Commercial Chemical Substances IATA : International Air Transport Association IBC : Intermediate Bulk Container ICAO : International Civil Aviation Organization IMDG : International Maritime Dangerous Goods LTEL : Long term exposure limit PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals RID : Regulations concerning the International Carriage of Dangerous Goods by Rail STEL : Short term exposure limit STOT : Specific Target Organ Toxicity UN : United Nations vPvB : very Persistent and very Bioaccumulative</p>
Key literature references and sources for data used to compile the SDS	<p>GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567</p>
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