



## SAFETY DATA SHEET

### Duct-tech Gel

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name                      Duct-tech Gel

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

Identified uses                      pH Neutral Spray on Gel for Kitchen Extract/Duct Cleaning PC35 - Washing and Cleaning Products (including solvent based products)

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

Supplier                                  Rozone  
 Queen Street  
 Darlaston  
 Wednesbury  
 West Midlands  
 UK  
 WS10 8JF  
 Tel: +44 (0)121 526 8181  
 Fax: +44 (0)121 526 8182  
 info@rozone.co.uk

##### 1.4. Emergency telephone number

Emergency telephone                  Rozone: 0121 526 8181 (Mon - Fri, 09:00-17:00)

#### SECTION 2: Hazards identification

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

Classification (EC 1272/2008)

Physical hazards                      Not Classified

Health hazards                        Not Classified

Environmental hazards                Not Classified

##### 2.2. Label elements

Hazard statements                      EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

Detergent labelling                      < 5% amphoteric surfactants, < 5% non-ionic surfactants, < 5% phosphates, < 5% polycarboxylates, Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE

##### 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

DIPROPYLENE GLYCOL METHYL ETHER	1-5%
CAS number: 34590-94-8	EC number: 252-104-2
Classification Not Classified	

## Duct-tech Gel

TETRA POTASSIUM PYROPHOSPHATE	1-5%
CAS number: 7320-34-5	EC number: 230-785-7
Classification Eye Irrit. 2 - H319	

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

General information	Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.
Eye contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms are severe or persist after washing. Show this Safety Data Sheet to the medical personnel.

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

Ingestion	May cause discomfort if swallowed.
Skin contact	May cause sensitisation or allergic reactions in sensitive individuals.
Eye contact	May cause temporary eye irritation.

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

Notes for the doctor	No specific recommendations.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.
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#### 5.2. Special hazards arising from the substance or mixture

Specific hazards	Not known.
Hazardous combustion products	None at ambient temperatures. When heated, vapours/gases hazardous to health may be formed.

#### 5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
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### SECTION 6: Accidental release measures

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

Personal precautions	Keep unnecessary and unprotected personnel away from the spillage.
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#### 6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
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#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.
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#### 6.4. Reference to other sections

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Reference to other sections For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Usage precautions Avoid contact with skin and eyes.

#### 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.

#### 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

DIPROPYLENE GLYCOL METHYL ETHER

Long-term exposure limit (8-hour TWA): 50 ppm

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

ETHANEDIOL

Long-term exposure limit (8-hour TWA): WEL 20 ppm 52 mg/m<sup>3</sup> vapour

Short-term exposure limit (15-minute): WEL 40 ppm 104 mg/m<sup>3</sup> vapour

Sk

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> particulate

Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

#### DIPROPYLENE GLYCOL METHYL ETHER (CAS: 34590-94-8)

DNEL	Industry - Dermal; Long term : 65 mg/kg/day Industry - Inhalation; Long term : 310 mg/m <sup>3</sup> Consumer - Dermal; Long term : 15 mg/kg/day Consumer - Inhalation; Long term : 37.2 mg/m <sup>3</sup> Consumer - Oral; Long term : 1.67 mg/kg/day
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PNEC	- Fresh water; 19 mg/l - marine water; 1.9 mg/l - STP; 4168 mg/l - Sediment (Freshwater); 70.2 mg/kg - Sediment (Marinewater); 70.2 mg/kg - Soil; 2.74 mg/kg - Intermittent release; 19 mg/l
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#### TETRA POTASSIUM PYROPHOSPHATE (CAS: 7320-34-5)

DNEL	Industry - Inhalation; Long term systemic effects: 2.79 mg/m <sup>3</sup> Consumer - Inhalation; Long term systemic effects: 0.68 mg/m <sup>3</sup>
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PNEC	- Fresh water; 0.05 mg/l - marine water; 0.005 mg/l
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#### 8.2. Exposure controls

Protective equipment



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Appropriate engineering controls	Provide adequate ventilation.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
Hand protection	Wear protective gloves.
Hygiene measures	When using do not eat, drink or smoke.
Respiratory protection	No specific recommendations.

### SECTION 9: Physical and chemical properties

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

Appearance	Creamy liquid.
Colour	Colourless. Opaque
Odour	Characteristic.
pH	pH (concentrated solution): 7.0-7.5
Relative density	~ 0.992 - 1.002 @ 20°C
Viscosity	2250 cPs @ 20°C

#### 9.2. Other information

Other information	None.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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#### 10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
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#### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not applicable.
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#### 10.4. Conditions to avoid

Conditions to avoid	Avoid exposure to high temperatures or direct sunlight.
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#### 10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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#### 10.6. Hazardous decomposition products

Hazardous decomposition products	Heating may generate the following products: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Ingestion	May cause discomfort if swallowed.
Skin contact	May cause sensitisation or allergic reactions in sensitive individuals.
Eye contact	May cause temporary eye irritation.

### SECTION 12: Ecological information

Ecotoxicity	Not regarded as dangerous for the environment.
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#### 12.1. Toxicity

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Toxicity Not considered toxic to fish.

### 12.2. Persistence and degradability

Persistence and degradability No data available.

### 12.3. Bioaccumulative potential

Bioaccumulative potential Not available.

### 12.4. Mobility in soil

Mobility Mobile.

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

Other adverse effects No information required.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

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 The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Annex II of MARPOL 73/78 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 Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 as amended  
The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 as amended.  
Control of Substances Hazardous to Health Regulations 2002 (as amended).  
EH40/2005 Workplace exposure limits.

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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

Revision date	15/11/2021
Revision	3
Supersedes date	04/12/2019
SDS number	21778
Hazard statements in full	H319 Causes serious eye irritation. EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.