# SAFETY DATA SHEET
# Duct Tech Power Clean

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

### 1.1. Product identifier

**Product name** Duct Tech Power Clean

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

**Identified uses** PC35 - Washing and Cleaning Products (including solvent based products) Fast Acting Cleaner/Degreaser for Kitchen Extraction Ducts & Canopies

### 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 (SI 2019 No. 720)**

**Physical hazards** Not Classified

**Health hazards** Skin Corr. 1 - H314 Eye Dam. 1 - H318

**Environmental hazards** Not Classified

### 2.2. Label elements

**Hazard pictograms**

**Signal word** Danger

**Hazard statements** H314 Causes severe skin burns and eye damage.

# Duct Tech Power Clean

| | |
|---|---|
| **Precautionary statements** | P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.<br>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.<br>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.<br>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 Immediately call a POISON CENTER/ doctor. |
| **Contains** | 1 PROPOXY-2-PROPANOL, C9-11 Alcohol Ethoxylate , SODIUM HYDROXIDE |
| **Detergent labelling** | < 5% non-ionic surfactants |
| **Supplementary precautionary statements** | P260 Do not breathe vapour/ spray.<br>P264 Wash contaminated skin thoroughly after handling.<br>P321 Specific treatment (see medical advice on this label).<br>P363 Wash contaminated clothing before reuse.<br>P405 Store locked up.<br>P501 Dispose of contents/ container in accordance with national regulations. |

### 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

**1 PROPOXY-2-PROPANOL** **5-10%**

CAS number: 1569-01-3 EC number: 216-372-4

**Classification**
Flam. Liq. 3 - H226
Eye Irrit. 2 - H319

**C9-11 Alcohol Ethoxylate** **1-5%**

CAS number: 68439-46-3 EC number: 614-482-0

**Classification**
Acute Tox. 4 - H302
Eye Dam. 1 - H318

**SODIUM HYDROXIDE** **1-5%**

CAS number: 1310-73-2 EC number: 215-185-5

**Classification**
Skin Corr. 1A - H314
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

**General information** Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

# Duct Tech Power Clean

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| **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

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|---|---|
| **Inhalation** | The product is considered to be a low hazard under normal conditions of use. |
| **Ingestion** | May cause chemical burns in mouth, oesophagus and stomach. |
| **Skin contact** | Burning pain and severe corrosive skin damage. |
| **Eye contact** | Causes burns. Visual disturbances, including blurred vision. |

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

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|---|---|
| **Notes for the doctor** | No specific recommendations. |

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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|---|---|
| **Suitable extinguishing media** | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder. |

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

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|---|---|
| **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. |

## SECTION 6: Accidental release measures

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

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|---|---|
| **Personal precautions** | Keep unnecessary and unprotected personnel away from the spillage. |

### 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

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|---|---|
| **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. |

### 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

# Duct Tech Power Clean

**Usage precautions** Do not get in eyes, on skin, or on clothing. Wear eye protection. Read label before use. Eye wash facilities and emergency shower must be available when handling this product. Good personal hygiene procedures should be implemented.

### 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**

**SODIUM HYDROXIDE**

Short-term exposure limit (15-minute): WEL 2 mg/m³
WEL = Workplace Exposure Limit.

**1 PROPOXY-2-PROPANOL (CAS: 1569-01-3)**

**DNEL**
Workers - Dermal; Long term systemic effects: 82.5 mg/kg/day
Workers - Inhalation; Long term systemic effects: 263 mg/m³
Consumer - Dermal; Long term systemic effects: 36 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 38 mg/m³
Consumer - Oral; Long term systemic effects: 11 mg/kg/day

**PNEC**
- marine water; 0.01 mg/l
- Intermittent release; 1 mg/l
- STP; 4 mg/l
- Sediment (Freshwater); 0.386 mg/kg/day
- Sediment (Marinewater); 0.0386 mg/kg/day
- Soil; 0.0185 mg/kg/day

**TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)**

**DNEL**
Workers - Inhalation; systemic effects: 2.5 mg/m³
Workers - Inhalation; local effects: 2.5 mg/m³
Consumer - Inhalation; systemic effects: 1.5 mg/m³
Consumer - Inhalation; local effects: 1.5 mg/m³
- Oral; : 25 mg/kg

**PNEC**
- Fresh water; 2.2 mg/l
- marine water; 0.22 mg/l
- Soil; 0.72 mg/l
- STP; 43 mg/l

### 8.2. Exposure controls

**Protective equipment**

**Appropriate engineering controls** Provide adequate ventilation.

# Duct Tech Power Clean

| | |
|---|---|
| **Eye/face protection** | Wear tight-fitting, chemical splash goggles or face shield. Personal protective equipment that provides appropriate eye and face protection should be worn. |
| **Hand protection** | Gloves made from the following material may provide suitable chemical protection: Nitrile rubber. Rubber (natural, latex). To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. |
| **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

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|---|---|
| **Appearance** | Clear liquid. |
| **Colour** | Colourless. |
| **Odour** | Characteristic. |
| **pH** | pH (concentrated solution): >13.0 |
| **Relative density** | ~ 1.011 - 1.021 @ 20°C |

### 9.2. Other information

| | |
|---|---|
| **Other information** | None. |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

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|---|---|
| **Reactivity** | There are no known reactivity hazards associated with this product. |

### 10.2. Chemical stability

| | |
|---|---|
| **Stability** | Stable at normal ambient temperatures. |

### 10.3. Possibility of hazardous reactions

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|---|---|
| **Possibility of hazardous reactions** | Not applicable. |

### 10.4. Conditions to avoid

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|---|---|
| **Conditions to avoid** | Avoid exposure to high temperatures or direct sunlight. |

### 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. |

### 10.6. Hazardous decomposition products

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|---|---|
| **Hazardous decomposition products** | Heating may generate the following products: Carbon monoxide (CO). Carbon dioxide (CO2). |

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity - oral**

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|---|---|
| **ATE oral (mg/kg)** | 56,000.0 |

| | |
|---|---|
| **Inhalation** | The product is considered to be a low hazard under normal conditions of use. |
| **Ingestion** | May cause chemical burns in mouth, oesophagus and stomach. |

# Duct Tech Power Clean

**Skin contact** Causes severe burns.

**Eye contact** Causes serious eye damage.

## SECTION 12: Ecological information

**Ecotoxicity** Not regarded as dangerous for the environment.

### 12.1. Toxicity

**Toxicity** Not considered toxic to fish.

### 12.2. Persistence and degradability

**Persistence and degradability** The product contains inorganic substances which are not biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not available.

### 12.4. Mobility in soil

**Mobility** Mobile.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 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

### 14.1. UN number

**UN No. (ADR/RID)** 1760

**UN No. (IMDG)** 1760

**UN No. (ICAO)** 1760

**UN No. (ADN)** 1760

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE)

**Proper shipping name (IMDG)** CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE)

**Proper shipping name (ICAO)** CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE)

**Proper shipping name (ADN)** CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE)

### 14.3. Transport hazard class(es)

**ADR/RID class** 8

# Duct Tech Power Clean

| | |
|---|---|
| **ADR/RID classification code** | C9 |
| **ADR/RID label** | 8 |
| **IMDG class** | 8 |
| **ICAO class/division** | 8 |
| **ADN class** | 8 |

**Transport labels**


## 14.4. Packing group

| | |
|---|---|
| **ADR/RID packing group** | III |
| **IMDG packing group** | III |
| **ICAO packing group** | III |
| **ADN packing group** | III |

## 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

## 14.6. Special precautions for user

| | |
|---|---|
| **EmS** | F-A, S-B |
| **ADR transport category** | 3 |
| **Emergency Action Code** | 2X |
| **Hazard Identification Number (ADR/RID)** | 80 |
| **Tunnel restriction code** | (E) |

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

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|---|---|
| **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 REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 as amended.
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 as amended
Control of Substances Hazardous to Health Regulations 2002 (as amended).
EH40/2005 Workplace exposure limits.

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

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|---|---|
| **Revision date** | 17/07/2021 |

# Duct Tech Power Clean

| | |
|---|---|
| **Revision** | 3 |
| **Supersedes date** | 07/07/2021 |
| **SDS number** | 21691 |
| **Hazard statements in full** | H226 Flammable liquid and vapour.<br>H302 Harmful if swallowed.<br>H314 Causes severe skin burns and eye damage.<br>H318 Causes serious eye damage.<br>H319 Causes serious eye irritation. |