

# SAFETY DATA SHEET

## Air Rod Drain Blockage Remover

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

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**1.1. Product identifier**

**Product name** Air Rod Drain Blockage Remover

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

**Identified uses** Drain Unblocker

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

**Supplier** Aztec Chemicals  
Unit 16, University Way  
Orion Park  
Crewe  
Cheshire  
CW1 6NG  
+ 44 (0) 1270 655500 (T)  
+ 44 (0) 1270 655501 (F)  
info@aztecchemicals.com

**1.4. Emergency telephone number**

**Emergency telephone** +44 (0)7831 300868

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**SECTION 2: Hazards identification**

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**2.1. Classification of the substance or mixture****Classification****Physical hazards**

Aerosol 3 - H229

**Health hazards**

Not Classified

**Environmental hazards**

Not Classified

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

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

**Physicochemical**

Aerosol containers can explode when heated, due to excessive pressure build-up.

**2.2. Label elements**

**Signal word** Warning

**Hazard statements**

H229 Pressurised container: may burst if heated

**Precautionary statements**

**Air Rod Drain Blockage Remover**

- P251 Do not pierce or burn, even after use.
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- P102 Keep out of reach of children.
- P501 Dispose of contents/container in accordance with local regulations.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P260 Do not breathe vapour/spray.
- P271 Use only outdoors or in a well-ventilated area.

**Supplemental label information**

Contains 0.16kg of a fluorinated greenhouse gas covered by the Kyoto protocol: HFC-134a (Tetrafluoroethane : EC No. 212-377-0).  
 Global Warming Potential (GWP) in CO2 equivalent: 1301.  
 9% by mass of the contents are flammable.

**2.3. Other hazards**

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

<b>TETRAFLUOROETHANE</b>	<b>60-100%</b>
CAS number: 811-97-2 EC number: 212-377-0 REACH registration number: Exempt under REACH	
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -
<b>PROPAN-2-OL</b>	<b>5-10%</b>
CAS number: 67-63-0 EC number: 200-661-7 REACH registration number: 01-2119457558-25	
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	<b>Classification (67/548/EEC or 1999/45/EC)</b> F;R11 Xi;R36 R67

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**

Move affected person to fresh air at once.

**Inhalation**

Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.

**Ingestion**

Rinse mouth thoroughly with water.

**Skin contact**

Remove contaminated clothing immediately and wash skin with soap and water.

**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 and get medical attention.

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

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

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

## Air Rod Drain Blockage Remover

### Suitable extinguishing media

Use fire-extinguishing media suitable for the surrounding fire.

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

#### Specific hazards

Containers can burst violently or explode when heated, due to excessive pressure build-up. Decomposes on contact with flames and hot surfaces to produce hydrofluoric acid and fluorophosgene. May explode when heated or when exposed to flames or sparks.

### 5.3. Advice for firefighters

#### Protective actions during firefighting

Warn firefighters that aerosols are involved. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

#### 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

### 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

Not considered to be a significant hazard due to the small quantities used.

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

#### Methods for cleaning up

VENTILATE/EVAPORATE.

### 6.4. Reference to other sections

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## 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

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Store in a cool and well-ventilated place.

### 7.3. Specific end use(s)

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## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### TETRAFLUOROETHANE

Long-term exposure limit (8-hour TWA): WEL 1000 ppm

##### PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### Ingredient comments

WEL = Workplace Exposure Limits

## Air Rod Drain Blockage Remover

### PROPAN-2-OL (CAS: 67-63-0)

<b>DNEL</b>	Industry - Dermal; Long term systemic effects: 888 mg/kg/day Industry - Inhalation; Long term systemic effects: 500 mg/m <sup>3</sup> Consumer - Dermal; Long term systemic effects: 319 mg/kg/day Consumer - Dermal; Long term systemic effects: 26 mg/kg/day Consumer - Inhalation; Long term systemic effects: 89 mg/m <sup>3</sup>
<b>PNEC</b>	- Fresh water; 140.9 mg/l - Marine water; 140.9 mg/l - Intermittent release; 140.9 mg/l - Sediment (Freshwater); 552 mg/kg - Sediment (Marinewater); 552 mg/kg - STP; 2251 mg/l - Soil; 28 mg/kg

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

#### Personal protection

When using the aerosol do not smoke.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

#### Other skin and body protection

Not relevant

#### Hygiene measures

When using do not eat, drink or smoke.

#### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Aerosol.

#### Colour

N/A

#### Odour

Slight alcoholic.

#### Relative density

1.206 @ °C

#### Comments

Information given is applicable to the major ingredient.

### 9.2. Other information

## Air Rod Drain Blockage Remover

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

#### 10.2. Chemical stability

##### Stability

Stable at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

No potentially hazardous reactions known.

#### 10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

#### 10.5. Incompatible materials

##### Materials to avoid

Alkali metals.

#### 10.6. Hazardous decomposition products

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### General information

This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

##### Inhalation

May cause respiratory system irritation.

##### Ingestion

No specific health hazards known.

##### Skin contact

Skin irritation should not occur when used as recommended.

##### Eye contact

Irritating to eyes.

##### Acute and chronic health hazards

This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

##### Route of entry

Inhalation

##### Target organs

Respiratory system, lungs

##### Medical symptoms

Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting.

### SECTION 12: Ecological Information

##### Ecotoxicity

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

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

#### 12.3. Bioaccumulative potential

#### 12.4. Mobility in soil

#### 12.5. Results of PBT and vPvB assessment

#### 12.6. Other adverse effects

## Air Rod Drain Blockage Remover

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### General information

Do not puncture or incinerate, even when empty.

##### 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

This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed and labelled must show the following.

#### 14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS
Proper shipping name (ADN)	AEROSOLS

#### 14.3. Transport hazard class(es)

ADR/RID class	2.2
ADR/RID subsidiary risk	
ADR/RID label	2.2
IMDG class	2.2
IMDG subsidiary risk	
ICAO class/division	2.2
ICAO subsidiary risk	
Transport labels	



#### 14.4. Packing group

Not applicable.

ADR/RID packing group

IMDG packing group

ICAO packing group

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

## Air Rod Drain Blockage Remover

EmS F-D, S-U

Emergency Action Code

Hazard Identification Number  
(ADR/RID)

Tunnel restriction code (E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

#### **SECTION 15: Regulatory information**

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

###### **National regulations**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

###### **EU legislation**

Dangerous Substances Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC. 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).

###### **Guidance**

Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131. British Aerosol Manufacturers Code of Practice 7th. Edition 1999

##### 15.2. Chemical safety assessment

#### **SECTION 16: Other information**

Revision date 01/10/2014

Revision 1

SDS number 10050

SDS status Approved.

##### **Risk phrases in full**

NC Not classified.  
R11 Highly flammable.  
R36 Irritating to eyes.  
R67 Vapours may cause drowsiness and dizziness.

##### **Hazard statements in full**

H225 Highly flammable liquid and vapour.  
H229 Pressurised container: may burst if heated  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

#### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.