

# SAFETY DATA SHEET

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

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PRODUCT NAME: 23304 COMBUSTION REFILL FLUID

APPLICATIONS: COMBUSTION GAS DETECTION

SUPPLIER: Draper Tools Ltd  
Hursley Road  
Chandlers Ford  
Eastleigh  
Hampshire  
SO53 1YF

Draper Helpline +44 (0) 2380 494344

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## SECTION 2. HAZARDS IDENTIFICATION

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### 2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation EC No. 1272/2008

Non-hazardous according to GHS.

2.1.2 Classification according to Directive 67/548/EEC

Not applicable.

2.1.3 Classification according to 1999/45/EEC

Not classified.

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Non-hazardous according to GHS.

Labelling according to Directive 67/548/EEC or 1999/45/EC

This product does not need to be labeled in accordance with EC directives.

Precautionary statements:

P102 Keep out of reach of children.

P280 Wear protective gloves and eye protection.

### 2.3 Other hazards

None known.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Chemical Name	CAS Number	% W
Combustion Leak Tester Fluid	Proprietary	100%

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### SECTION 4. FIRST AID MEASURES

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#### 4.1 Description of first aid measures

General information: No special measures required.

##### **Inhalation:**

Supply fresh air and consult doctor according to symptoms.

##### **Skin contact:**

Wash off with soap and plenty of water. If skin irritation occurs, consult doctor.

##### **Eye contact:**

Flush eyes with water for at least 15 minutes. If eye irritation persists, consult doctor.

##### **Ingestion:**

Rinse mouth with water. Medical attention recommended.

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

No further relevant information available.

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

No further relevant information available.

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### SECTION 5. FIREFIGHTING MEASURES

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#### 5.1 Extinguishing Media

Suitable extinguishing media: water, carbon dioxide, foam, powder.

Unsuitable extinguishing media: Do not use a heavy water stream.

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

Hazards combustion products:

Sulfur Oxides (SOx), hydrogen bromide and carbon monoxide and carbon dioxide.

#### 5.3 Advice for firefighters

Wear self-contained respiratory protective device or full protection if necessary.

Contaminated extinguishing water must be disposed of in accordance with applicable regulations. Avoid breathing smoke, fumes and decomposition products.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

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

6.1.1 For non-emergency personnel

Protective equipment: Safety glasses. Gloves.

Emergency procedures: Evacuate unnecessary personnel.

6.1.2 For emergency responders

Ventilate area. Equip cleanup crew with proper protection. Do not inhale dust.

## **6.2 Environmental precautions**

Do not allow to enter sewers / surface / public water.

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

6.3.1 For containment:

Keep container tightly closed. Stop leak if safe to do so. Absorb spillage to prevent material damage and collect spillage.

6.3.2 For cleaning up:

Absorb with inert solids, such as clay or sand as soon as possible. Collect spillage.

Store away from other materials.

6.3.3 Other information:

Dispose of the material collected according to regulations.

## **6.4 Reference to other sections**

See Section 8 and 13 for more information on exposure and disposal.

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# **SECTION 7. HANDLING AND STORAGE**

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## **7.1 Precautions for safe handling**

7.1.1 Recommendations for safe handling

Do not handle until all safety precautions have been read and understood. Provide good ventilation in working area. Wash hands after use and do not allow to enter surface water drains.

7.1.2 Advice on general occupational hygiene

Do not eat, drink or smoke when using this product.

Wear protective gloves / protective clothing / eye protection / face protection.

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

Store only in original containers out of reach of children. Keep container tightly closed.

Store in a well-ventilated place. Keep cool. Protect from sunlight. Storage temperature should be between 5oC and 45oC.

## **7.3 Specific end use(s)**

Use only as directed on the container or label.

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# **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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## **8.1 Control parameters**

Substance: Not applicable

CAS No.: Non-classified

## **8.2 Exposure controls**

### 8.2.1 Appropriate engineering controls

To avoid risks to human health and the environment, comply with the instructions for use.

### 8.2.2 Individual protection measures, such as personal protective equipment

**Occupational protection:** Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product.

**Eye/face protection:** Wear facial protection gears such as safety glasses or safety goggles.

**Skin protection:** Wear protective clothing, as required for industry work environment.

**Hand protection:** Wear protective gloves made of nitrile rubber.

**Respiratory protection:** Avoid breathing mist / vapors / spray.

In case of inadequate ventilation (aerosol formation): wear respiratory protection.

Thermal hazards: None known.

### 8.2.3 Environmental exposure controls

Avoid release to the environment

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Thin, blue liquid
<b>Odor</b>	Odorless
<b>Odor threshold</b>	No data available
<b>pH</b>	9.0 – 10.0
<b>Melting point/freezing point</b>	~32°F
<b>Initial boiling point and boiling range</b>	~212°F
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	Non-flammable
<b>Upper/lower flammability or explosive limits</b>	No data available
<b>Vapor pressure:</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density</b>	1.0 kg/dm <sup>3</sup> @ 20°C
<b>Solubility(ies)</b>	Soluble
<b>Partition coefficient in n-octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No information found
<b>Viscosity</b>	<10 cps
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	No data available

NOTE: The physical data presented above are typical values and should not be construed as a specification.

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## SECTION 10. STABILITY AND REACTIVITY

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### 10.1 Reactivity

React with oxidizer, reducing agents and water-reactive materials.

### 10.2 Chemical stability

This product is stable under normal temperature and pressure.

### 10.3 Possibility of hazardous reactions

None under normal processing.

### 10.4 Conditions to avoid

Do not mix with incompatible materials. Avoid heat and sources of ignition.

### 10.5 Incompatible materials

Strong oxidizers, reducing agents and water-reactive materials.

### 10.6 Hazardous decomposition products

Sulfur oxides (SO<sub>x</sub>), hydrogen bromide, carbon monoxide and carbon dioxide.

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## SECTION 11. TOXICOLOGICAL INFORMATION

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### 11.1 Information on toxicological effects

#### 11.1.2 Mixtures

**Acute toxicity:** No data available.

**Irritation:** No data available.

**Corrosivity:** No data available.

**Sensitisation:** No data available.

**Repeated dose toxicity:** No data available.

**Carcinogenicity:** No data available.

**Mutagenicity:** No data available.

**Toxicity for reproduction:** No data available.

**Other health effect:** No data available.

#### 11.1.3 Information for each health effect

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.

**Ingestion:** May be harmful if swallowed.

**Skin contact:** May be harmful if absorbed through skin. May cause skin irritation.

**Eye contact:** May cause eye irritation.

**Signs and Symptoms of Exposure:** Not available.

**Additional Information:** Not available.

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## SECTION 12. ECOLOGICAL INFORMATION

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**12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

No data available

**12.6 Other adverse effects**

No data available

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**SECTION 13. DISPOSAL CONSIDERATIONS**

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**13.1 Waste treatment methods****13.1.1 Product / Packaging disposal**

Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance. Contaminated packaging is disposed of as unused product.

**13.1.2 Waste treatment-relevant information**

Waste should not be mixed with oxidizer, reducing agents and water-reactive materials.

**13.1.3 Sewage disposal-relevant information**

Waste should not be disposed of by release to sewers.

**13.1.4 Other disposal recommendations**

Waste should not be placed nearby heat, fume or sources of ignition.

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**SECTION 14. TRANSPORT INFORMATION**

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**14.1 UN number**

ADR/RID/ADN: None.

IMDG: None.

ICAO-TI / IATA-DGR: None.

**14.2 UN proper shipping name**

ADR/RID/ADN: Not regulated.

IMDG: Not regulated.

ICAO-TI / IATA-DGR: Not regulated.

**14.3 Transport hazard class(es)**

ADR/RID/ADN: Not Dangerous goods.

IMDG: Not Dangerous goods.

ICAO-TI / IATA-DGR: Not Dangerous goods.

**14.4 Packaging group**

ADR/RID/ADN: None.

IMDG: None.

ICAO-TI / IATA-DGR: None.

**14.5 Environmental hazards**

ADR/RID/ADN: No.

IMDG Marine Pollutant: No.

ICAO-TI / IATA-DGR: No.

**14.6 Special precautions for user**

Not available.

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code**

Not available.

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**SECTION 15. REGULATORY INFORMATION**

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This safety datasheet complies with the requirements of Regulation (EC) No. 1272/2008.

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

No data available.

**15.2 Chemical Safety Assessment**

No data available.

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**SECTION 16. OTHER INFORMATION**

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Disclaimer: The Safety Data Sheet (SDS) is prepared in accordance with European Regulation and Directives. Information contained in the SDS is correct to the best of our knowledge and information at the date of its publication. The information can be used only as a guide for safe handling, use, processing, storage, transportation, disposal and release. The information may not be valid if this product is used in combination with any other material or in any process other than the uses specified in the text.