



## SAFETY DATA SHEET ICOPAL B SAFE CLEANER CANISTER

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

#### 1.1. Product identifier

**Product name** ICOPAL B SAFE CLEANER CANISTER

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

**Identified uses** Cleaning agent.

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

**Supplier** ICOPAL LTD  
BARTON DOCK ROAD  
STREFORD  
MANCHESTER  
M32 0YL  
+44 (0) 161 865 4444

#### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 161 865 4444 (Mon - Fri 09.00 - 16.00)

### SECTION 2: Hazards identification

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

##### Classification

**Physical hazards** Aerosol 2 - H223, H229  
**Health hazards** Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304  
**Environmental hazards** Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

**Classification (67/548/EEC or 1999/45/EC)** Xn; R65. Xi; R38. N; R50/53. R10, R43

#### 2.2. Label elements

##### Pictogram



**Signal word**

Warning

##### Hazard statements

H223 Flammable aerosol.  
H229 Pressurised container: may burst if heated  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H410 Very toxic to aquatic life with long lasting effects.

## ICOPAL B SAFE CLEANER CANISTER

<b>Precautionary statements</b>	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 Wear protective gloves/protective clothing/eye protection/face protection. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P391 Collect spillage. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501 Dispose of contents/container in accordance with national regulations.
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**Contains** CITRUS TERPENES

### 2.3. Other hazards

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

##### 3.1. Substances

##### 3.2. Mixtures

<b>CITRUS TERPENES</b>	<b>60-100%</b>
CAS number: 8028-48-6	EC number: 232-433-8
M factor (Acute) = 1	M factor (Chronic) = 1
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	Xn;R65. Xi;R38. N;R50/53. R10,R43.
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	

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

<b>General information</b>	If in doubt, get medical attention promptly.
<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention.
<b>Ingestion</b>	Provide rest, warmth and fresh air. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention.
<b>Eye contact</b>	Continue to rinse for at least 15 minutes and get medical attention. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

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

<b>Inhalation</b>	Coughing, chest tightness, feeling of chest pressure.
<b>Ingestion</b>	May cause stomach pain or vomiting.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	Irritating to eyes.

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

**Notes for the doctor** Treat symptomatically.

## ICOPAL B SAFE CLEANER CANISTER

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

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

**Hazardous combustion products** Oxides of carbon.

#### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

**Personal precautions** Follow precautions for safe handling described in this safety data sheet. Avoid contact with skin and eyes. Provide adequate ventilation. Do not smoke in work area.

#### 6.2. Environmental precautions

**Environmental precautions** Environmental Manager must be informed of all major spillages. Absorb spillage with inert, damp, non-combustible material.

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

**Methods for cleaning up** Absorb with inert, damp, non-combustible material, then flush area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

#### 6.4. Reference to other sections

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Avoid inhalation of vapours and spray/mists. Provide adequate ventilation.

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

**Storage precautions** Keep container tightly closed. Keep container in a well-ventilated place. Keep away from heat, sparks and open flame.

**Storage class** Flammable compressed gas storage.

#### 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

#### 8.2. Exposure controls

##### Protective equipment



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<b>Appropriate engineering controls</b>	In case of insufficient ventilation, wear suitable respiratory equipment. Mechanical ventilation or local exhaust ventilation may be required.
<b>Eye/face protection</b>	Chemical splash goggles and face shield.
<b>Hand protection</b>	It is recommended that gloves are made of the following material: Nitrile rubber.
<b>Other skin and body protection</b>	Avoid contact with skin.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Aerosol.
<b>Colour</b>	Colourless to pale yellow.
<b>Odour</b>	Characteristic.
<b>Melting point</b>	-96 Celsius
<b>Initial boiling point and range</b>	175°C/178°F @
<b>Flash point</b>	46°C CC (Closed cup).
<b>Vapour pressure</b>	2.1 mm Hg @ 20°C
<b>Vapour density</b>	0.01
<b>Bulk density</b>	838 kg/m <sup>3</sup>
<b>Auto-ignition temperature</b>	237°C

#### 9.2. Other information

<b>Refractive index</b>	1.473
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

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

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	None known.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong oxidising agents. Strong acids.
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#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Oxides of carbon.
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### SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

#### Acute toxicity - oral

**Species** Rat

## SECTION 12: Ecological Information

### 12.1. Toxicity

**Toxicity** Dangerous for the environment if discharged into watercourses.

### 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not available.

### 12.4. Mobility in soil

**Mobility** The product is partly miscible with water and may spread in the aquatic environment.

### 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** Not known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** 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)** 3501

**UN No. (IMDG)** 3501

**UN No. (ICAO)** 3501

**UN No. (ADN)** 3501

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (CITRUS TERPENES)

**Proper shipping name (IMDG)** CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (CITRUS TERPENES)

**Proper shipping name (ICAO)** CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (CITRUS TERPENES)

**Proper shipping name (ADN)** CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (CITRUS TERPENES)

### 14.3. Transport hazard class(es)

**ADR/RID class** 2.1

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ADR/RID classification code	8F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1

### Transport labels



### 14.4. Packing group

### 14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Emergency Action Code	2YE
Hazard Identification Number (ADR/RID)	23
Tunnel restriction code	(B/D)

### 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

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

Revision date	07/08/2015
Revision	1
Supersedes date	13/08/2014
SDS number	21295
Hazard statements in full	H223 Flammable aerosol. H226 Flammable liquid and vapour. H229 Pressurised container: may burst if heated H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.

## ICOPAL B SAFE CLEANER CANISTER

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.