

### Safety Data Sheet

#### 1. Identification of the substance/mixture and of the company/undertaking

##### Trade name

- Relevant identified uses of the substance or mixture and uses advised against
- Use advised against:
- Manufacturer/Supplier
  
- Emergency telephone number:

##### Smoke Bottle

Smoke for leak tests and airflow studies.

No information available.

##### Australia:

15-21 Doody St Alexandria, Sydney, 2015  
PO Box 924, Gosford, NSW 2250  
1800 PRO CLIMA (776 254)  
welcome@proclima.com.au  
[www.proclima.com.au](http://www.proclima.com.au)

##### New Zealand:

7 Daly St, Hutt Central, Lower Hutt 5010  
PO Box 925, Wellington 6140  
0800 PRO CLIMA (776 254)  
welcome@proclima.co.nz  
[www.proclima.co.nz](http://www.proclima.co.nz)

##### Australia:

Poisons Information Centre (National)  
13 11 26 (24hrs)

##### New Zealand:

National Poisons Centre  
0800 764 766 (24hrs)  
0800 POISON

#### 2. Hazards identification

##### Classification of the substance or mixture

- Regulation (EC) No 1272/2008

##### Label elements

##### Other hazards

The product is not classified according to CLP regulation

Void.

No information available.

## Smoke generator for air leakage testing

### 3. Composition/information on ingredients

Chemical Characterisation	Mixtures
---------------------------	----------

### 4. First aid measures

<p>Description of first aid measures</p> <ul style="list-style-type: none"> <li>• General information</li> <li>• After inhalation</li> <li>• After skin contact</li> <li>• After eye contact</li> <li>• After swallowing</li> </ul> <p>Most important symptoms and effects, both acute and delayed</p> <p>Indication of any immediate medical attention and special treatment needed</p>	<p>Provide fresh air. Take off contaminated clothing. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).</p> <p>Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a doctor.</p> <p>Wash with plenty of soap and water. In case of skin irritation, consult a physician.</p> <p>Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist. Do not subject to friction.</p> <p>Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps.</p> <p>No information available.</p> <p>First Aid, decontamination, treatment of symptoms.</p>
--	---

### 5. Firefighting measures

<p>Extinguishing media</p> <ul style="list-style-type: none"> <li>• Suitable extinguishing agents</li> </ul>	<p>Co-ordinate fire-fighting measures to the fire surroundings.</p>
--	---

## Smoke generator for air leakage testing

<ul style="list-style-type: none"><li>• Unsuitable extinguishing agents</li></ul> <p>Special hazards arising from the substance or mixture</p> <p>Advice for firefighters</p> <p>Additional information</p>	<p>No information available.</p> <p>Not oxidising.</p> <p>Special protective equipment for firefighters Protective clothing. In case of fire: Wear self-contained breathing apparatus.</p> <p>Do not allow run-off from firefighting to enter drains or water courses.</p>
---	--

### 6. Accidental release measures

<ul style="list-style-type: none"><li>• Personal precautions, protective equipment and emergency procedures</li><li>• Environmental precautions</li><li>• Methods and material for containment and cleaning up</li><li>• Reference to other sections</li></ul>	<p>See protective measures under point 7 and 8. Wear personal protection equipment (refer to section 8). Provide adequate ventilation. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with eyes and skin.</p> <p>Do not allow to enter surface water or drains. Do not allow to enter soil/subsoil. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.</p> <p>Provide adequate ventilation. Take up mechanically, placing in appropriate containers for disposal. (Take up dust-free and set down dust-free.) Treat the recovered material as prescribed in the section on waste disposal.</p> <p>Safe handling: see section 7. Personal protection equipment: see section 8. Disposal: see section 13.</p>
--	--

### 7. Handling and storage

<p>Precautions for safe handling</p> <ul style="list-style-type: none"><li>• Advice on safe handling</li></ul>	<p>See section 8. Wear personal protection equipment (refer to section 8). Avoid contact with eyes and skin. In case of inadequate ventilation wear respiratory protection.</p>
--	---

## Smoke generator for air leakage testing

<ul style="list-style-type: none"><li>• Advice on protection against fire and explosion</li><li>• Further information on handling</li></ul> <p>Conditions for safe storage, including any incompatibilities</p> <ul style="list-style-type: none"><li>• Requirements for storage rooms and vessels</li></ul> <ul style="list-style-type: none"><li>• Advice on storage compatibility</li><li>• Further information on storage conditions</li></ul> <p>Specific end use(s)</p>	<p>Usual measures for fire prevention.</p> <p>When using do not eat, drink, smoke, sniff. Keep away from: Dog, Cat. Read attached instructions before use.</p> <p>Keep out of reach of children. Keep only in the original container in a cool, well-ventilated place. Store in a dry place. Put lids on containers immediately after use. Do not store above eye level. Keep away from heat.</p> <p>Keep away from food, drink and animal feeding stuffs.</p> <p>Heat; storage temperature at room temperature. Humidity.</p> <p>Not relevant.</p>
--	---

### 8. Exposure controls/personal protection

<p><u>Control parameters:</u></p> <p>Exposure Limits</p> <ul style="list-style-type: none"><li>• CAS No</li><li>• Substance</li><li>• ppm</li><li>• mg/m<sup>3</sup></li><li>• fibres/ml</li><li>• Category</li><li>• Origin</li></ul> <p>Additional advice on limit values</p> <p><u>Exposure controls:</u></p> <ul style="list-style-type: none"><li>• Appropriate engineering controls</li></ul>	<p>1317-65-3 Calcium carbonate, respirable - 4 - TWA (8 h) WEL</p> <p>Inhalation of dust/particles: Observe in addition any national regulations!</p> <p>Provide adequate ventilation.</p>
---	--

## Smoke generator for air leakage testing

<ul style="list-style-type: none"><li>• Protective and hygienic measures</li><li>• Eye/face protection</li><li>• Protection of hands</li><li>• Skin protection</li><li>• Respiratory protection</li> <li>• Environmental exposure control</li></ul>	<p>Only wear fitting, comfortable and clean protective clothing. Wash contaminated clothing prior to re-use. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Apply skin care products after work.</p> <p>Wear eye/face protection. Dust protection eyeglasses.</p> <p>Hand protection is not required.</p> <p>Protective clothing.</p> <p>Usually no personal respirative protection necessary. Respiratory protection necessary at: exceeding exposure limit values, insufficient ventilation, insufficient exhaust. Use only respiratory protection equipment with CE-symbol including four-digit test number. Observe the wear Time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Particle filter device (DIN EN 143) P2</p> <p>Do not allow to enter into surface water or drains.</p>
---	--

### 9. Physical and chemical properties

<p>Information on basic physical and chemical properties</p> <p><b>General Information</b></p> <ul style="list-style-type: none"><li>• Physical state/appearance</li><li>• Colour</li><li>• Odour</li><li>• pH-value</li></ul> <p><b>Change in physical state</b></p> <ul style="list-style-type: none"><li>• Melting point/Melting range</li><li>• Boiling point/Boiling range</li><li>• Flash point</li><li>• Sustaining combustion</li></ul> <p><b>Flammability</b></p> <ul style="list-style-type: none"><li>• Solid</li></ul>	<p>Powder. White. Not determined. Not determined.</p> <p>Not determined. Not determined. Not determined. Not determined. No data available.</p> <p>Not determined.</p>
--	--

## Smoke generator for air leakage testing

<ul style="list-style-type: none"> <li>• Gaseous</li>   <li><b>Explosive properties</b></li> <li>• Lower explosion limits</li> <li>• Upper explosion limits</li>   <li><b>Auto-ignition temperature</b></li> <li>• Solid</li> <li>• Gas</li> <li>• Decomposition temperature</li>   <li><b>Oxidizing properties</b></li> <li>• Vapour pressure</li> <li>• Density</li> <li>• Water solubility</li>   <li><b>Solubility in other solvents</b></li> <li>• Partition coefficient</li> <li>• Viscosity / dynamic</li> <li>• Vapour density</li> <li>• Evaporation rate</li> <li>• Solvent content</li>   <li><b>Other information</b></li> <li>• Solid content</li>   <li>Observe technical data sheet.</li> </ul>	<p>Not determined.</p> <p>This information is not available. Not determined. Not determined.</p> <p>Not determined. Not determined. Not determined.</p> <p>This information is not available. Not determined. ~2 g/cm<sup>3</sup> Practically insoluble.</p> <p>Not determined. Not determined. Not determined. Not determined. Not determined.</p> <p>0</p> <p>100%</p>
--	--

### 10. Stability and reactivity

<ul style="list-style-type: none"> <li>• Reactivity</li>   <li>• Chemical stability</li>   <li>• Possibility of hazardous reactions</li> <li>• Conditions to avoid</li> <li>• Incompatible materials</li> <li>• Hazardous decomposition products</li> </ul>	<p>This material is considered to be non-reactive under normal use conditions.</p> <p>The product is chemically stable under recommended conditions of storage, use and temperature.</p> <p>No known hazardous reactions.</p> <p>No information available.</p> <p>No information available.</p> <p>No known hazardous decomposition products.</p>
---	---

## Smoke generator for air leakage testing

### 11. Toxicological information

#### Information on toxicological effects

- Acute toxicity
- Irritation and corrosivity
- Sensitising effects
- Carcinogenic/mutagenic/toxic effects for reproduction
- STOT-single exposure
- STOT-repeated exposure
- Aspiration hazard

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

Causes mild skin irritation.  
IF IN EYES: Causes eye irritation.

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

### 12. Ecological information

- Toxicity
- Persistence and degradability
- Bio accumulative potential
- Mobility in soil
- Results of PBT and vPvB assessment
- Other adverse effects

No information available.

Biodegradable.

No indication of bioaccumulation potential.

No data available.

For this substance a chemical safety assessment has not been carried out.

No information available.

## Smoke generator for air leakage testing

### 13. Disposal considerations

#### Waste treatment method

- Advice on disposal
  
- Waste disposal number of waste from residues/unused products
  
- Contaminated packaging

Non-hazardous waste.

Dispose of waste according to applicable legislation. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Dispose of contents/container to industrial incineration plant.

060904 WASTES FROM INORGANIC CHEMICAL PROCESSES; wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes; calcium-based reaction wastes other than those mentioned in 06 09 03

Completely emptied packages can be recycled. Dispose of waste according to applicable legislation. For cleaning up: Water (with cleaning agent)

### 14. Transport information

#### Land transport (ADR/RID)

- UN number
- UN proper shipping name
- Transport hazard class(es)
- Packing group

#### Inland waterways transport (ADN)

- UN number
- UN proper shipping name
- Transport hazard class(es)
- Packing group

#### Marine transport (IMDG)

- UN number
- UN proper shipping name
- Transport hazard class(es)
- Packing group

No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.

No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.

No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.



## Smoke generator for air leakage testing

<p><b>Air transport (ICAO-TI/IATA-DGR)</b></p> <ul style="list-style-type: none"> <li>• UN number</li> <li>• UN proper shipping name</li> <li>• Transport hazard class(es)</li> <li>• Packing group</li> </ul> <p><b>Environmental hazards</b></p> <ul style="list-style-type: none"> <li>• Environmentally hazardous</li> <li>• Special precautions for user</li> <li>• Transport in bulk according to Annex II of Marpol and the IBC Code</li> </ul>	<p>No dangerous good in sense of this transport regulation.          No dangerous good in sense of this transport regulation.          No dangerous good in sense of this transport regulation.          No dangerous good in sense of this transport regulation.</p> <p>No.</p> <p>No information available.</p> <p>No information available.</p>
<h3>15. Regulatory information</h3>	
<p><b>Safety, health and environmental regulations/legislation specific for the substance or mixture.</b></p> <p><b>EU regulatory information</b></p> <ul style="list-style-type: none"> <li>• 2010/75/EU (VOC):</li> <li>• Information according to 2012/18/EU (SEVESO III):</li> </ul> <p><b>National regulatory information</b></p> <ul style="list-style-type: none"> <li>• Water contaminating class (D)</li> <li>• Chemical safety assessment</li> </ul>	<p>0%          Not subject to 2012/18/EU (SEVESO III)</p> <p>1, slightly water contaminating</p> <p>Chemical safety assessments for substances in this mixture were not carried out.</p>

## Smoke generator for air leakage testing

### 16. Other information

This data is based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road )  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer  
(Regulations Concerning the International Transport of Dangerous Goods by Rail )  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organization  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
EC50: Effective concentration, 50 percent  
DNEL: Derived No Effect Level  
PNEC: Predicted No Effect Concentration  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

#### Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)