

**Productname :** PMS NON FLAMMABLE MOULD CLEANER  
**Creationdate :** 25.06.15 Version : 1.0  
**Ref.Nr.:** UDS000572\_3\_20150625 (EN) **Replaces:** UDS000572\_20120723

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

### 1.1. Product identifier

**PMS NON FLAMMABLE MOULD CLEANER**  
Aerosol

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

Cleaners - Heavy duty

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

CRC Industries UK Ltd.  
Ambersil House - Wylds Road  
Castlefield Industrial Estate  
TA6 4DD Bridgwater Somerset  
United Kingdom  
Tel.: +44 1278 727200  
Fax.: +44 1278 425644  
E-mail : hse.uk@crcind.com

### 1.4. Emergency telephone number

(+44)(0)1278 72 7200

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture



#### Classification according to Regulation (EC) No 1272/2008

|                     |   |
|---------------------|---|
| <b>Physical:</b>    | Aerosol, category 3<br>Pressurised container: May burst if heated.  |
| <b>Health:</b>      | Skin irritation, category 2<br>Causes skin irritation.<br>Eye irritation, category 2<br>Causes serious eye irritation.<br>Carcinogenicity, category 2<br>Suspected of causing cancer .<br>Specific target organ toxicity - single exposure, category 3<br>May cause respiratory irritation.<br>May cause drowsiness or dizziness.<br>Specific Target Organ Toxicity - Repeated Exposure Category 2<br>May cause damage to organs through prolonged or repeated exposure . |
| <b>Environment:</b> | Not classified  |

|                      |                                 |                       |                        |
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## 2.2. Label elements

### Labelling according to Regulation (EC) No 1272/2008

|   |  |
|---|--|
| <b>Product identifier:</b>              | Contains:<br>dichloromethane; methylene chloride   |
| <b>Hazard pictogram(s):</b>             |    |
| <b>Signal word:</b>                     | Warning  |
| <b>Hazard statement(s):</b>             | H229 : Pressurised container: May burst if heated.<br>H315 : Causes skin irritation.<br>H319 : Causes serious eye irritation.<br>H351 : Suspected of causing cancer .<br>H335 : May cause respiratory irritation.<br>H336 : May cause drowsiness or dizziness.<br>H373 : May cause damage to organs through prolonged or repeated exposure .   |
| <b>Precautionary statement(s):</b>      | P102 : Keep out of reach of children.<br>P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P211 : Do not spray on an open flame or other ignition source.<br>P251 : Do not pierce or burn, even after use.<br>P260 : Do not breathe dust/fume/gas/mist/vapours/spray.<br>P281 : Use personal protective equipment as required.<br>P308/313 : IF exposed or concerned: Get medical advice/attention.<br>P410/412 : Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.<br>P501-2 : Dispose of contents/container to an authorised waste collection point. |
| <b>Supplemental Hazard information:</b> | Contains:<br>dichloromethane; methylene chloride   |

## 2.3. Other hazards

Methylene chloride is classified as carcinogenic Cat.2  
Excessive inhalation of vapours may give rise to irritation and affect the nervous system  
May form explosive mixtures with air

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixtures

| Hazardous ingredient                | CAS-nr. | EC-nr     | w/w %  | symbol | R-phrases*     | Notes |
|-------------------------------------|---------|-----------|--------|--------|----------------|-------|
| dichloromethane; methylene chloride | 75-09-2 | 200-838-9 | 60-100 | Xn,Xi  | 40-36/37/38-67 |       |

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|   |          |           |     |   |   |     |
|---|----------|-----------|-----|---|---|-----|
| carbon dioxide  | 124-38-9 | 204-696-9 | 1-5 | - | - | A,G |
| <b>Explanation notes</b>  |          |           |     |   |   |     |
| A : substance with Community workplace exposure limit   |          |           |     |   |   |     |
| G : exempted from the obligation to register in accordance with art.2(7)(a)of REACH Regulation No 1907/2006 |          |           |     |   |   |     |

| Hazardous ingredient  | Registration number | CAS-nr.  | EC-nr     | w/w %  | Hazard Class and Category                                  | Hazard statement              | Notes |
|---|---------------------|----------|-----------|--------|--|-------------------------------|-------|
| dichloromethane; methylene chloride   | 01-2119480404-41    | 75-09-2  | 200-838-9 | 60-100 | Skin Irrit. 2, Eye Irrit. 2, Carc. 2, STOT SE 3, STOT RE 2 | H315,H319,H351,H335,H336,H373 |       |
| carbon dioxide  |                     | 124-38-9 | 204-696-9 | 1-5    | Press. Gas   | H280                          | A,G   |
| <b>Explanation notes</b>  |                     |          |           |        |  |                               |       |
| A : substance with Community workplace exposure limit   |                     |          |           |        |  |                               |       |
| G : exempted from the obligation to register in accordance with art.2(7)(a)of REACH Regulation No 1907/2006 |                     |          |           |        |  |                               |       |

(\* Explanation phrases : see chapter 16)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                            |  |
|----------------------------|--|
| <b>Contact with eyes :</b> | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>If eye irritation persists: Get medical advice/attention.  |
| <b>Contact with skin :</b> | Take off contaminated clothing and wash before reuse.<br>IF ON SKIN: Wash with plenty of soap and water.<br>If skin irritation occurs: Get medical advice/attention.   |
| <b>Inhalation :</b>        | IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>If breathing is difficult give oxygen<br>Apply artificial respiration only if patient is not breathing<br>IF exposed or concerned: Get medical advice/attention. |
| <b>Ingestion :</b>         | Do not induce vomiting<br>Rinse mouth with water (do not swallow)<br>If swallowed seek medical advice immediately and show this container or label.  |

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

|                       |  |
|-----------------------|--|
| <b>Inhalation :</b>   | Irritating to respiratory system<br>High concentrations may cause narcotic effects.<br>Symptoms : sore throat, cough, shortness of breath, severe breathing difficulties, headache |
| <b>Ingestion :</b>    | After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.<br>Symptoms : abdominal pain, dizziness, diarrhea, cough, headache    |
| <b>Skin contact :</b> | Irritating to skin<br>Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis<br>Symptoms : redness and pain             |
| <b>Eye contact :</b>  | Irritating to eyes<br>Symptoms : redness and pain  |

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

|                      |                                 |                       |                        |
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**General Advice :** If any symptoms should occur, seek medical advice.  
If you feel unwell, seek medical advice (show the label where possible)  
Methylene chloride is classified as carcinogenic Cat.2  
In case of repeated exposures, regular medical examination is advised

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

water, foam, carbon dioxide or dry agent

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

Aerosols may explode if heated above 50°C  
Forms hazardous decomposition products  
CO,CO<sub>2</sub>,HCl  
chlorinated compounds

### 5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water  
In case of fire, do not breathe fumes  
Substance evolves toxic fumes, wear self-contained breathing apparatus

## SECTION 6: Accidental release measures

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

Evacuate area.  
Shut off all ignition sources  
Ensure adequate ventilation  
Wear suitable protective clothing and gloves.

### 6.2. Environmental precautions

Stop leak if safe to do so.  
Do not allow to enter public sewers and watercourses

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

Absorb spillage in suitable inert material  
Wash spill site with water and detergent

### 6.4. Reference to other sections

For further information see section 8

## SECTION 7: Handling and storage

|                      |                                 |                       |                        |
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### 7.1. Precautions for safe handling

Keep away from heat and sources of ignition  
 Take precautionary measures against static discharges  
 Equipment should be earthed  
 Do not spray on a naked flame or incandescent material.  
 Do not pierce or burn aerosols, even after use.  
 Do not breathe aerosols or vapours.  
 Ensure adequate ventilation  
 Avoid contact with skin and eyes.  
 Wash thoroughly after use  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 Eyewash bottles should be available

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

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.  
 Store in a well-ventilated place. Keep container tightly closed.  
 Keep out of reach of children.

### 7.3. Specific end use(s)

Cleaners - Heavy duty

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits :

| Hazardous ingredient  | CAS-nr.  | method |           |
|---|----------|--------|-----------|
| <b>EU established exposure limits:</b>                      |          |        |           |
| carbon dioxide  | 124-38-9 | TWA    | 5000 ppm  |
| <b>National established exposure limits, United Kingdom</b> |          |        |           |
| carbon dioxide  | 124-38-9 | TWA    | 5000 ppm  |
|   |          | STEL   | 15000 ppm |
| dichloromethane; methylene chloride                         | 75-09-2  | TWA    | 100 ppm   |
|   |          | STEL   | 300 ppm   |

### 8.2. Exposure controls

|                              |   |
|------------------------------|---|
| <b>Control procedures :</b>  | Ensure adequate ventilation<br>Keep away from heat and sources of ignition                                |
| <b>Personal protection :</b> | Wear protective gloves/protective clothing/eye protection/face protection.<br>Ensure adequate ventilation |
| <b>inhalation :</b>          | In case of insufficient ventilation, wear suitable respiratory equipment.                                 |
| <b>hands and skin :</b>      | Wear suitable protective gloves against chemicals   |

|                      |                                 |                       |                        |
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Recommended gloves: (butyl rubber)  
eyes : Wear safety goggles.

## SECTION 9: Physical and chemical properties

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

(for aerosols data for the product without propellant)

|   |                                  |
|---|----------------------------------|
| <b>Apperance : physical state :</b>     | CO2 propelled liquid.            |
| <b>colour :</b>                         | Colorless.                       |
| <b>odour :</b>                          | Characteristic odor.             |
| <b>pH :</b>                             | Not applicable.                  |
| <b>Boiling point/range :</b>            | 40 °C                            |
| <b>Flash point :</b>                    | None                             |
| <b>Evaporation rate :</b>               | Not available.                   |
| <b>Explosion limits : upper limit :</b> | 19 %                             |
| <b>lower limit :</b>                    | 12 %                             |
| <b>Vapour pressure :</b>                | Not available.                   |
| <b>Relative density :</b>               | 1.33 g/cm <sup>3</sup> (@ 20°C). |
| <b>Solubility in water :</b>            | Partly soluble in water          |
| <b>Auto-ignition :</b>                  | 605 °C                           |
| <b>Viscosity :</b>                      | Not available.                   |

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known if used for its intended purpose

### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

### 10.4. Conditions to avoid

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.  
Avoid overheating

### 10.5. Incompatible materials

Strong oxidising agent

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## 10.6. Hazardous decomposition products

CO,CO<sub>2</sub>,HCl  
traces of chlorine and phosgene

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**acute toxicity:** Limited evidence of a carcinogenic effect

#### Information on likely routes of exposure:

**Inhalation :** Irritating to respiratory system  
High concentrations may cause narcotic effects.  
**Ingestion :** After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.  
**Skin contact :** Irritating to skin  
Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis  
**Eye contact :** Irritating to eyes

#### Toxicological data :

| Hazardous ingredient                | CAS-nr. | method        |              |
|-------------------------------------|---------|---------------|--------------|
| dichloromethane; methylene chloride | 75-09-2 | LD50 oral rat | > 2000 mg/kg |
|                                     |         | LD50 derm.rat | > 2000 mg/kg |

May cause damage to organs through prolonged or repeated exposure .  
Methylene chloride is classified as carcinogenic Cat.2

## SECTION 12: Ecological information

### 12.1. Toxicity

Not classified

#### Ecotoxicological data:

| Hazardous ingredient                | CAS-nr. | method       |            |
|-------------------------------------|---------|--------------|------------|
| dichloromethane; methylene chloride | 75-09-2 | IC50 algae   | > 662 mg/l |
|                                     |         | LC50 fish    | 193 mg/l   |
|                                     |         | EC50 daphnia | 27 mg/l    |

### 12.2. Persistence and degradability

No information available

|                      |                                 |                       |                        |
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**12.3. Bioaccumulative potential**

No information available

**12.4. Mobility in soil**

Partly soluble in water

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

No information available

**12.6. Other adverse effects**

No information available

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

|                                 |  |
|---------------------------------|--|
| <b>Product :</b>                | This material and its container must be disposed of in a safe way. Do not discharge into drains or the environment, dispose to an authorised waste collection point. |
| <b>Contaminated packaging :</b> | Disposal should be in accordance with local, state or national legislation   |

**SECTION 14: Transport information****14.1. UN number**

UN-number : 1950

**14.2. UN proper shipping name**

Proper shipping name: AEROSOLS

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

|                                |     |
|--------------------------------|-----|
| Class:                         | 2.2 |
| Subsidiary risk:               | 6.1 |
| ADR/RID - Classification code: | 5T  |

**14.4. Packing group**

Packing group: Not applicable.

**14.5. Environmental hazards**



|                      |                                    |                       |                        |
|----------------------|------------------------------------|-----------------------|------------------------|
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|   |    |
|---|----|
| ADR/RID - Environmentally<br>hazardous:   | No |
| IMDG - Marine pollutant:                  | No |
| IATA/ICAO - Environmentally<br>hazardous: | No |

#### 14.6. Special precautions for user

|                       |          |
|-----------------------|----------|
| ADR/RID - Tunnelcode: | (D)      |
| IMDG - Ems:           | F-D, S-U |
| IATA/ICAO - PAX:      | 203      |
| IATA/ICAO - CAO       | 203      |

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

Not applicable.

### SECTION 15: Regulatory information

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

The Safety Data Sheet is compiled according to the current European requirements.  
Dir. 2013/10/EU, 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.  
EU-directive 99/45/EC  
Regulation (EC) No 1272/2008 (CLP)  
Regulation (EC) No 1907/2006 (REACH)

#### 15.2. Chemical safety assessment

No information available

### SECTION 16: Other information

|                                 |  |
|---------------------------------|--|
| *Explanation risk-phrases:      | R40: Limited evidence of a carcinogenic effect.<br>R67: Vapours may cause drowsiness and dizziness.<br>R36/37/38: Irritating to eyes, respiratory system and skin.   |
| *Explanation hazard statements: | H280 : Contains gas under pressure; may explode if heated.<br>H315 : Causes skin irritation.<br>H319 : Causes serious eye irritation.<br>H335 : May cause respiratory irritation.<br>H336 : May cause drowsiness or dizziness.<br>H351 : Suspected of causing cancer .<br>H373 : May cause damage to organs through prolonged or repeated exposure . |

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.  
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