

**Productname :** POLYMER REMOVER  
**Ref.Nr.:** UDS000530\_3\_20120626 (EN)

**Creationdate :** 26.06.12 Version : 1.0  
**Replaces:**

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

### 1.1. Product identifier

**POLYMER REMOVER**  
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.  
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 (office hours)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC:

|                     |  |
|---------------------|--|
| <b>Health:</b>      | R66: Repeated exposure may cause skin dryness or cracking.<br>R67: Vapours may cause drowsiness and dizziness. |
| <b>Physical:</b>    | R12: Extremely flammable.<br>EXTREMELY FLAMMABLE   |
| <b>Environment:</b> | Not classified   |

### 2.2. Label elements

**Warning symbol(s) :** EXTREMELY FLAMMABLE



**Risk-phrase(s) :** R12: Extremely flammable.

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**Safety-phrase(s) :** R66: Repeated exposure may cause skin dryness or cracking.  
 R67: Vapours may cause drowsiness and dizziness.  
 S2: Keep out of the reach of children.  
 S16: Keep away from sources of ignition - No smoking.  
 S23: Do not breathe vapours/spray.  
 S24: Avoid contact with skin.  
 S51: Use only in well-ventilated areas.

**Extra label elements according to Aerosol Dispenser Directive 75/324/EC:** Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

### 2.3. Other hazards

None

## 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 |
|---|------------|-----------|-------|--------|-------------|-------|
| Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%)          | 68512-91-4 | 270-990-9 | 30-60 | F+     | 12          | K     |
| acetone; propan-2-one; propanone  | 67-64-1    | 200-662-2 | 10-30 | F,Xi   | 11-36-66-67 | A     |
| <b>Explanation notes</b>  |            |           |       |        |             |       |
| A : substance with Community workplace exposure limit                                     |            |           |       |        |             |       |
| K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8) |            |           |       |        |             |       |

| Hazardous ingredient                                  | Registration number | CAS-nr. | EC-nr     | w/w % | Hazard Class and Category             | Hazard statement | Notes |
|---|---------------------|---------|-----------|-------|---------------------------------------|------------------|-------|
| acetone; propan-2-one; propanone                      | 01-2119471330-49    | 67-64-1 | 200-662-2 | 10-30 | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3 | H225,H319,H336   | A     |
| <b>Explanation notes</b>                              |                     |         |           |       |                                       |                  |       |
| A : substance with Community workplace exposure limit |                     |         |           |       |                                       |                  |       |
| (* Explanation phrases : see chapter 16)              |                     |         |           |       |                                       |                  |       |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Contact with eyes :** If substance has got into eyes, immediately wash out with plenty of water  
 Seek medical attention if irritation persists

**Contact with skin :** Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water



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|                     |   |
|---------------------|---|
| <b>Inhalation :</b> | Seek medical attention if irritation persists<br>Fresh air, keep warm and at rest.  |
| <b>Ingestion :</b>  | Seek medical attention if ill effects occur<br>If swallowed accidentally, do not induce vomiting and seek medical advice. |

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

|                       |   |
|-----------------------|---|
| <b>Inhalation :</b>   | Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness            |
| <b>Ingestion :</b>    | May cause gastrointestinal disturbances<br>Symptoms : sore throat, abdominal pain, nausea, vomiting |
| <b>Skin contact :</b> | May cause irritation.<br>Symptoms : redness and pain  |
| <b>Eye contact :</b>  | May cause irritation.<br>Symptoms : redness and pain  |

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

|                         |   |
|-------------------------|---|
| <b>General Advice :</b> | If you feel unwell, seek medical advice (show the label where possible)<br>If symptoms persist always call a doctor |
|-------------------------|---|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

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,CO2

#### 5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water  
In case of fire, do not breathe fumes

### SECTION 6: Accidental release measures

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

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

#### 6.2. Environmental precautions



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Do not allow to enter public sewers and watercourses  
 If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

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

Absorb spillage in suitable inert material  
 Place in appropriate container

### 6.4. Reference to other sections

For further information see section 8

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep away from heat and sources of ignition  
 Take precautionary measures against static discharges  
 Equipment should be earthed  
 Use explosion-proof electrical/ventilating/lighting/.../equipment.  
 Use only non-sparking tools.  
 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.

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

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.  
 Keep in a cool, dry, well ventilated place  
 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>                      |         |        |         |
| acetone; propan-2-one; propanone                            | 67-64-1 | TWA    | 500 ppm |
| <b>National established exposure limits, United Kingdom</b> |         |        |         |
| acetone; propan-2-one; propanone                            | 67-64-1 | TWA    | 500 ppm |

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|  |      |          |
|--|------|----------|
|  | STEL | 1500 ppm |
|--|------|----------|

## 8.2. Exposure controls

|                              |   |
|------------------------------|---|
| <b>Control procedures :</b>  | Ensure adequate ventilation<br>Keep away from heat and sources of ignition<br>Take precautionary measures against static discharges |
| <b>Personal protection :</b> | Take precautions to avoid contact with skin and eyes when handling the product.<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<br>(butyl rubber)   |
| <b>eyes :</b>                | Wear safety eyewear according to EN 166.  |

## 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>     | Propane/butane propelled liquid. |
| <b>colour :</b>                         | Colorless.                       |
| <b>odour :</b>                          | Characteristic odor.             |
| <b>pH :</b>                             | Not applicable.                  |
| <b>Boiling point/range :</b>            | 56 °C                            |
| <b>Flash point :</b>                    | - 18 °C                          |
| <b>Evaporation rate :</b>               | Not available.                   |
| <b>Explosion limits : upper limit :</b> | 13 %                             |
| <b>lower limit :</b>                    | 1.5 %                            |
| <b>Vapour pressure :</b>                | Not available.                   |
| <b>Relative density :</b>               | 0.979 g/cm3 (@ 20°C).            |
| <b>Solubility in water :</b>            | Partly soluble in water          |
| <b>Auto-ignition :</b>                  | 370 Not available.               |
| <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



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No hazardous reactions known if used for its intended purpose

#### 10.4. Conditions to avoid

Avoid overheating

#### 10.5. Incompatible materials

Strong oxidising agent

#### 10.6. Hazardous decomposition products

CO,CO2

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

|                       |   |
|-----------------------|---|
| <b>Inhalation :</b>   | Inhalation of solvent vapours may give rise to nausea, headaches and dizziness                                    |
| <b>Ingestion :</b>    | May cause gastrointestinal disturbances   |
| <b>Skin contact :</b> | Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis |
|                       | Repeated exposure may cause skin dryness or cracking.   |
| <b>Eye contact :</b>  | May cause irritation.   |

#### Toxicological data :

| Hazardous ingredient             | CAS-nr. | method          |              |
|----------------------------------|---------|-----------------|--------------|
| acetone; propan-2-one; propanone | 67-64-1 | LD50 oral rat   | > 2000 mg/kg |
|                                  |         | LD50 derm.rabit | > 2000 mg/kg |

### SECTION 12: Ecological information

#### 12.1. Toxicity

Not classified

#### Ecotoxicological data:

| Hazardous ingredient             | CAS-nr. | method       |            |
|----------------------------------|---------|--------------|------------|
| acetone; propan-2-one; propanone | 67-64-1 | IC50 algae   | > 100 mg/l |
|                                  |         | LC50 fish    | > 100 mg/l |
|                                  |         | EC50 daphnia | > 100 mg/l |

#### 12.2. Persistence and degradability

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No information available

### 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

**Product :** 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.

**Contaminated packaging :** 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: 2.1  
ADR/RID - Classification code: 5F

### 14.4. Packing group

Packing group: Not applicable.

### 14.5. Environmental hazards



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ADR/RID - Environmentally  
hazardous: No  
IMDG - Marine pollutant: No  
IATA/ICAO - Environmentally  
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 MARPOL 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 1907/2006 (REACH)

#### 15.2. Chemical safety assessment

No information available

### SECTION 16: Other information

\*Explanation hazard statements: H225 : Highly flammable liquid and vapour.  
H319 : Causes serious eye irritation.  
H336 : May cause drowsiness or dizziness.

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

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