

**Productname :** GS5 GASKET STRIPPER  
**Ref.Nr.:** BDS000715\_3\_20160905 (EN)

**Creationdate :** 05.09.16 Version : 1.0  
**Replaces:**

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

### 1.1. Product identifier

**GS5 GASKET STRIPPER**  
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 (office hours)

## 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 Pressurised container: May burst if heated.
<b>Health:</b>	Carcinogenicity, category 2 Suspected of causing cancer . Skin irritation, category 2 Causes skin irritation. Eye irritation, category 2 H316 Specific target organ toxicity - single exposure, category 3 May cause drowsiness or dizziness.
<b>Environment:</b>	Hazardous to the aquatic environment, chronic category 3 Harmful to aquatic life with long lasting effects.

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## 2.2. Label elements

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

<b>Product identifier:</b>	Contains: 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. H351 : Suspected of causing cancer . H315 : Causes skin irritation. H319 : Causes serious eye irritation. H336 : May cause drowsiness or dizziness. H412 : Harmful to aquatic life with long lasting effects.
<b>Precautionary statement(s):</b>	P102 : Keep out of reach of children. P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P251 : Do not pierce or burn, even after use. P261 : Avoid breathing dust/fume/gas/mist/vapours/spray. P271 : Use only outdoors or in a well-ventilated area. P280 : Wear protective gloves/protective clothing/eye protection/face protection. P410/412 : Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501-2 : Dispose of contents/container to an authorised waste collection point.
<b>Supplemental Hazard information:</b>	Can become highly flammable in use. 14 % by mass of the contents are flammable. Contains fluorinated greenhouse gases: HFC-134a

## 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	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
dichloromethane: methylene	01-2119480404-	75-09-	200-	50-	Skin Irrit 2 Eye Irrit 2 Carc.	H315 H319 H351 H336	

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chloride	41	2	838-9	75	2, STOT SE 3		
tetrafluoroethane	01-2119459374-33	811-97-2	212-377-0	10-25	Press. Gas	H280	B
ethanol; ethyl alcohol	01-2119457610-43	64-17-5	200-578-6	5-10	Flam. Liq. 2, Eye Irrit. 2	H225,H319	B
Hydrocarbons, C10, aromatics,	01-2119463583-34	-	918-811-1	5-10	STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2	H336,H304,H411	
carbon dioxide	-	124-38-9	204-696-9	1-5	Press. Gas	H280	A,G
propan-2-ol; isopropyl alcohol ;isopropanol	01-2119457558-25	67-63-0	200-661-7	0-1	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225,H319,H336	B

**Explanation notes**

A : substance with Community workplace exposure limit

B : substance with national established workplace exposure limit

G : exempted from the obligation to register in accordance with art.2(7) 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. If eye irritation persists: Get medical advice/attention.
<b>Contact with skin :</b>	Take off contaminated clothing and wash before reuse. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
<b>Inhalation :</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing. If breathing is difficult give oxygen Apply artificial respiration only if patient is not breathing IF exposed or concerned: Get medical advice/attention.
<b>Ingestion :</b>	Do not induce vomiting Rinse mouth with water (do not swallow) 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>	Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness High concentrations may cause narcotic effects. 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. Symptoms : abdominal pain, dizziness, diarrhea, cough, headache
<b>Skin contact :</b>	Irritating to skin Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis Symptoms : redness and pain
<b>Eye contact :</b>	Irritating to eyes Symptoms : redness and pain

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

**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



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## 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  
 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	9000 mg/m3
		STEL	1800 mg/m3
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	TWA	400 ppm
		STEL	500 ppm

### 8.2. Exposure controls

**Control procedures :** Ensure adequate ventilation  
 Keep away from heat and sources of ignition

**Personal protection :** Wear protective gloves/protective clothing/eye protection/face protection.  
 Ensure adequate ventilation

**inhalation :** In case of insufficient ventilation, wear suitable respiratory equipment.



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recommended respiratory protection: Air purifying respirator equipped with organic gas/vapor cartridge (type AX)  
**hands and skin :** Wear suitable protective gloves  
Recommended gloves: (polyvinylalcohol)  
**eyes :** 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)

**Apperance : physical state :** Liquid under pressure.  
**colour :** Colorless.  
**odour :** Solvent.  
**pH :** Not applicable.  
**Boiling point/range :** Not available.  
**Flash point :** None  
**Evaporation rate :** Not available.  
**Explosion limits : upper limit :** Not available.  
**lower limit :** Not available.  
**Vapour pressure :** Not available.  
**Relative density :** 1.18 (@ 20°C).  
**Solubility in water :** Insoluble in water  
**Auto-ignition :** > 200 °C  
**Viscosity :** 80 mPa.s (@ 20°C).

### 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

**carcinogenicity:** CAT.3

#### Information on likely routes of exposure:

**Inhalation :** Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness  
 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	
ethanol; ethyl alcohol	64-17-5	LD50 oral rat	> 2000 mg/kg
		LD50 derm.rabit	> 2000 mg/kg
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	LD50 oral rat	5840 mg/kg
		LC50 inhal.rat	> 25000 mg/l
dichloromethane; methylene chloride	75-09-2	LD50 oral rat	> 2000 mg/kg
		LD50 derm.rat	> 2000 mg/kg
tetrafluoroethane Hydrocarbons, C10, aromatics,	811-97-2 -	LC50 inhal.rat	567000 ppm
		LD50 oral rat	> 5000 mg/kg
		LC50 inhal.rat	4688 mg/m <sup>3</sup>
		LD50 derm.rabit	> 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

Hazardous to the aquatic environment, chronic category 3  
 Harmful to aquatic life with long lasting effects.



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#### Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
ethanol; ethyl alcohol	64-17-5	LC50 fish	> 100 mg/l
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	IC50 algae	1000 mg/l
		LC50 fish	9640 mg/l
		EC50 daphnia	9714 mg/l
dichloromethane; methylene chloride	75-09-2	IC50 algae	> 662 mg/l
		LC50 fish	193 mg/l
		EC50 daphnia	27 mg/l
tetrafluoroethane	811-97-2	LC50 fish	450 mg/l
		EC50 daphnia	980 mg/l
Hydrocarbons, C10, aromatics,	-	IC50 algae	> 10 mg/l
		LC50 fish	2-5 mg/l
		EC50 daphnia	3-10 mg/l

#### 12.2. Persistence and degradability

No experimental data available

#### 12.3. Bioaccumulative potential

no bioaccumulation expected

#### 12.4. Mobility in soil

Insoluble in water

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

The product does not contain any PBT or vPvB substances.

#### 12.6. Other adverse effects

GWP (global warming potential): 217.2328

### 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



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Ambersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,  
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#### 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

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.  
Regulation (EC) No 1907/2006 (REACH)  
EU-directive 99/45/EC  
Regulation (EC) No 1272/2008 (CLP)

#### 15.2. Chemical safety assessment

No information available



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## SECTION 16: Other information

\*Explanation hazard statements: H225 : Highly flammable liquid and vapour.  
H280 : Contains gas under pressure; may explode if heated.  
H304 : May be fatal if swallowed and enters airways.  
H315 : Causes skin irritation.  
H319 : Causes serious eye irritation.  
H336 : May cause drowsiness or dizziness.  
H351 : Suspected of causing cancer .  
H411 : Toxic to aquatic life with long lasting effects.

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. Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.