

Productname : BRAKLEEN      Creationdate : 01.06.11 Version : 1.0  
Ref.Nr.: BDS000116\_3\_20110601 BRAKLEEN      Replaces: AB11280

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**BRAKLEEN**  
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 Europe bvba**  
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CRC Industries Finland Oy	Asemanrinne 13, 08500 Lohja as.	00358/(19)32.921	00358/(19)383.676
CRC Industries France	ZI du Val d'Argent B.P.90028, 12, Bld des Martyrs de Chateaubriant, 95102 Argenteuil Cedex	01.34.11.20.00	01.34.11.09.96
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CRC INDUSTRIES IBERIA S.L.U.	GREMIO DEL CUERO-PARC.96, POLIGONO INDUSTRI. DE HONTORIA, 40195 SEGOVIA	0034/921.427.546	0034/921.436.270
CRC Industries Sweden	Kryptongatan 14, 431 53 Mölndal	0046/31 706 84 80	0046/31 27 39 91

**1.4. Emergency telephone number**

**CRC Industries Europe, Belgium:** Tel.: +32(0)52/45.60.11 (office hours)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to 67/548/EEC or 1999/45/EC:**




**Health:** R38: Irritating to skin.  
R67: Vapours may cause drowsiness and dizziness.  
**Physical:** EXTREMELY FLAMMABLE  
**Environment:** R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the



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..... aquatic environment.

## 2.2. Label elements

Warning symbol(s) :	EXTREMELY FLAMMABLE  Xi : IRRITANT  N : DANGEROUS FOR THE ENVIRONMENT 
Risk-phrase(s) :	R38: Irritating to skin. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R67: Vapours may cause drowsiness and dizziness.
Safety-phrase(s) :	S2: Keep out of the reach of children. S16: Keep away from sources of ignition - No smoking. S23: Do not breathe vapours/spray. S35: This material and its container must be disposed of in a safe way. 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. Without adequate ventilation formation of explosive mixtures may be possible.
Other extra label elements:	Remark: Preparations classified as harmful on the basis of an aspiration hazard need not be labelled as harmful with R65 when placed on the market in aerosol containers or in containers fitted with a sealed spray attachment. (EU-Directive 67/548 Annex VI 9.4)

## 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
Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9	30-60	F,Xn,N	11-38-51/53-65-67	B,P
Naphtha (petroleum), hydrodesulfurized light (benzene<0.1%)	92045-53-9	295-434-2	10-30	F,Xn,N	11-38-51/53-65-67	B,P



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carbon dioxide	124-38-9	204-696-9	5-10	-	-	A,G
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	200-661-7	5-10	F,Xi	11-36-67	B
acetone; propan-2-one; propanone	67-64-1	200-662-2	5-10	F,Xi	11-36-66-67	A

**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)(a)of REACH Regulation No 1907/2006

P : not classified as carcinogen, less than 0.1% w/w benzene (Einecs-nr. 200-753-7)

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
carbon dioxide		124-38-9	204-696-9	5-10	Press. Gas	H280	A,G
propan-2-ol; isopropyl alcohol ;isopropanol		67-63-0	200-661-7	5-10	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225, H319, H336	B
acetone; propan-2-one; propanone		67-64-1	200-662-2	5-10	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225, H319, H336	A

**Explanation notes**

A : substance with Community workplace exposure limit

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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 substance has got into eyes, immediately wash out with plenty of water Seek medical advice
<b>Contact with skin :</b>	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical advice
<b>Inhalation :</b>	Fresh air, keep warm and at rest. Seek medical attention if ill effects occur
<b>Ingestion :</b>	Ingestion is unlikely to occur If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention

**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>	After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia. Symptoms : sore throat, abdominal pain, nausea, vomiting
<b>Skin contact :</b>	Irritating to skin Symptoms : redness and pain
<b>Eye contact :</b>	May cause irritation. Symptoms : redness and pain

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

**General Advice :** If you feel unwell, seek medical advice (show the label where possible)  
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**

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

**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



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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 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
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	TWA	400 ppm
		STEL	500 ppm
acetone; propan-2-one; propanone	67-64-1	TWA	500 ppm
<b>National established exposure limits, United Kingdom</b>			
carbon dioxide	124-38-9	TWA	5000 ppm
		STEL	15000 ppm
acetone; propan-2-one; propanone	67-64-1	TWA	500 ppm
		STEL	1500 ppm

## 8.2. Exposure controls

**Control procedures :** Ensure adequate ventilation  
Keep away from heat and sources of ignition  
Take precautionary measures against static discharges

**Personal protection :** Take precautions to avoid contact with skin and eyes when handling the product.  
Ensure adequate ventilation

**inhalation :** In case of insufficient ventilation, wear suitable respiratory equipment.  
Air purifying respirator equipped with organic gas/vapor cartridge (type A or AX)

**hands and skin :** Wear suitable protective gloves  
(neoprene)



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eyes : Wear safety goggles.

## SECTION 9: Physical and chemical properties

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

<b>Apperance : physical state :</b>	CO2 propelled liquid.
<b>colour :</b>	Colorless.
<b>odour :</b>	Citrus.
<b>pH :</b>	Not applicable.
<b>Boiling point/range :</b>	55 - 120 °C
<b>Flash point :</b>	< 0 °C
<b>Evaporation rate :</b>	2.8 (Ether=1)
<b>Explosion limits : upper limit :</b>	Not available.
<b>lower limit :</b>	1 %
<b>Vapour pressure :</b>	Not available.
<b>Relative density :</b>	0.712 g/cm3 (@ 20°C).
<b>Solubility in water :</b>	Insoluble in water
<b>Auto-ignition :</b>	> 200 °C
<b>Viscosity :</b>	Not available.

### 9.2. Other information

No information available

## 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

Avoid overheating

### 10.5. Incompatible materials

Strong oxidising agent

### 10.6. Hazardous decomposition products



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CO,CO2

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

**Inhalation :** Inhalation of solvent vapours may give rise to nausea, headaches and dizziness  
**Ingestion :** After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.  
**Skin contact :** Irritating to skin  
**Eye contact :** May cause irritation.

**Toxicological data :**

Hazardous ingredient	CAS-nr.	method	
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	LD50 oral rat	>2000 mg/kg
		LC50 inhal.rat	>20 mg/l
		LD50 derm.rabit	>2000 mg/kg
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**

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Ecotoxicological data:**

Hazardous ingredient	CAS-nr.	method	
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	IC50 algae	>100 mg/l
		LC50 fish	>100 mg/l
		EC50 daphnia	>100 mg/l
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**

No experimental data available

**12.3. Bioaccumulative potential**

No experimental data available



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**12.4. Mobility in soil**

Insoluble in water

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

No information available

**12.6. Other adverse effects****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, flammable(naphtha's)

**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:	Yes
IMDG - Marine pollutant:	Marine pollutant
IATA/ICAO - Environmentally hazardous:	Yes

**14.6. Special precautions for user**



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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. 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 risk-phrases:	R11: Highly flammable. R36: Irritating to eyes. R38: Irritating to skin. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
*Explanation hazard statements:	H225 : Highly flammable liquid and vapour. H280 : Contains gas under pressure; may explode if heated. 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.

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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