

**Productname :** Dust Free 360 **Creationdate :** 11.09.19 **Version :** 1.0 **Ref.Nr.:** BDS002470\_3\_20190911 (EN)  
**Replaces:**

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

### 1.1. Product identifier

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

**Dust Free 360**  
Aerosol

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

Cleaners - Precision

**CRC Industries Europe bvba**  
Touwslagerstraat 1  
9240 Zele  
Belgium  
Tel.: +32(0)52/45.60.11  
Fax.: +32(0)52/45.00.34  
E-mail : hse@crcind.com



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Subsidiaries		Tel	Fax
CRC Industries Finland Oy	Smedsgatan 3-5 LT4, PL62, 08101 LOJO	+358/(19)32.921	
CRC Industries France	6, avenue du marais, C.S. 90028, 95102 Argenteuil Cedex	01.34.11.20.00	01.34.11.09.96
CRC Industries Deutschland GmbH	Südring 9, D-76473 Iffezheim	(07229) 303 0	(07229)30 32 66
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	Laxfiskevägen 16, 433 38 Partille	0046/31 706 84 80	0046/31 27 39 91

#### 1.4. Emergency telephone number

Other hazards : Avoid contact with skin and eyes, in case of contact with liquid product frostbite symptoms may occur.

### SECTION 2: Hazards identification

#### 2.2. Label elements

##### 2.1. C

Labelling according to Regulation (EC) No 1272/2008

Class

Product identifier:

Physical: Aerosol, category 3  
Pressurised container: May burst if heated.

Signal word: ~~Warning~~

Hazard statement(s): ~~H220~~ Pressurised container: May burst if heated.

Precautionary statement(s): 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.  
P336 : Thaw frosted parts with lukewarm water. Do not rub affected area.  
P410/412 : Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Supplemental Hazard information: Avoid contact with skin and eyes, in case of contact with liquid product frostbite symptoms may occur.

#### 2.3. Other hazards

CRC Industries Europe, Belgium: Tel.: +32(0)52/45.60.11 (office hours) Regulation (EC) No halogenated hydrocarbons > 30 % 648/2004 on detergents:

In case of contact with liquid product frostbite symptoms may occur.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

#### 3.2. Mixtures



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Aerosols may explode if heated above 50°C

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
trans-1,3,3,3-tetrafluoroprop-1ene	01-0000019758-54	29118-24-9	471-480-0	75-100	Press. Gas	H280	

(\* Explanation phrases : see chapter 16)

Not applicable.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Contact with eyes :</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
<b>Contact with skin :</b>	In case of contact with liquid, thaw frosted parts with water, remove clothing carefully and wash with soap & water Seek medical advice
<b>Inhalation :</b>	Fresh air, keep warm and at rest.
<b>Ingestion :</b>	In case of accident or if you feel unwell, seek medical advice (show the label where possible)

### 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>	Not available.
<b>Skin contact :</b>	In case of contact with liquid product frostbite symptoms may occur.
<b>Eye contact :</b>	In case of contact with liquid product frostbite symptoms may occur.

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

<b>General Advice :</b>	In case of accident or if you feel unwell, seek medical advice (show the label where possible) If symptoms persist always call a doctor
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## 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



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### 5.3. Advice for firefighters

CO,CO2

HF may be formed under condition of fire

Keep container(s) exposed to fire cool, by spraying with water

## SECTION 6: Accidental release measures

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

Shut off all ignition sources

In case of fire, do not breathe fumes

### 6.2. Environmental precautions

### 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

Ensure adequate ventilation

Wear suitable protective clothing and gloves.

Do not allow to enter public sewers and watercourses

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

Allow product to evaporate

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.

For use on energized equipment keep ambient temperature below 28°C.



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## 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.

## 7.3. Specific end use(s)

Store in a well-ventilated place.

# SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

### Exposure limits :

Keep out of reach of children.

## 8.2. Exposure controls

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

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No information available

### inhalation :

recommended respiratory protection:

### hands and skin :

Recommended gloves:

### eyes :

### Environmental protection:

### Consumer exposure protection:

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

Ensure adequate ventilation

In case of insufficient ventilation, wear suitable respiratory equipment.

Compressed air mask.

(compressed air)

For incidental contact with the product wear chemical-resistant gloves (standard EN 374). The use of disposable gloves is acceptable provided that they are changed immediately after a splash or spill.

In all cases handle and use the product in accordance with good industrial hygiene practices.

(VITON)

Wear safety eyewear according to EN 166.

Avoid release to the environment.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.



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IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

## 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 :	Liquified gas.
colour :	Colorless.
odour :	Neutral.
pH :	Not applicable.
Boiling point/range :	-19 °C
Flash point :	None
Evaporation rate :	Not applicable.
Explosion limits : upper limit :	No UEL was assigned at standard testing conditions(20°C). Exhibits flame limits at temperatures in excess of 28°C.
lower limit :	No LEL was assigned at standard testing conditions(20°C). Exhibits flame limits at temperatures in excess of 28°C.
Vapour pressure :	420 kPa (@ 20°C).
Relative density :	1.18 g/cm <sup>3</sup> (@ 20°C).
Solubility in water :	Partly soluble in water
Auto-ignition :	288-293 °C
Viscosity :	Not applicable.

### 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

No hazardous reactions known if used for its intended purpose





**Productname :** Dust Free 360**Creationdate :** 11.09.19 Version : 1.0**Ref.Nr.:** BDS002470\_3\_20190911 (EN)**Replaces:****SECTION 12: Ecological information****12.1. Toxicity****Ecotoxicological data:**

No information available

**12.2. Persistence and degradability**

Not readily biodegradable

**12.3. Bioaccumulative potential**

For all ingredients the octanol-water partion coefficient is below 4.

**12.4. Mobility in soil**

No information available

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

No information available

## 12.6. Other adverse effects

No experimental data available

GWP (global warming potential): 7

(calculated in accordance with Annex IV of Regulation (EU) No 517/2014 on fluorinated greenhouse gases)

## 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

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**Safety Data Sheet** Regulation EC No 1907/2006 Art.31

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**14.2. UN proper shipping name**

Proper shipping name: AEROSOLS

**14.3. Transport hazard class(es)**Class: 2.2  
ADR/RID - Classification code: 5A**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: (E)  
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.  
Regulation (EC) No 1907/2006 (REACH)  
Regulation (EC) No 1272/2008 (CLP)  
Dir. 2013/10/EU, 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.

**15.2. Chemical safety assessment**

No information available

**SECTION 16: Other information**

\*Explanation hazard statements: H280 : Contains gas under pressure; may explode if heated.



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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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