

Productname : Flatscreen Cleaner      Creationdate : 20.05.20 Version : 1.2  
 Ref.Nr.: BDS002561\_3\_20200520 (EN)      Replaces: BDS002561\_20200428

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

### 1.1. Product identifier

**Flatscreen Cleaner**  
Aerosol

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

Cleaners - Precision

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

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

| 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

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 Regulation (EC) No 1272/2008

**Physical:** Aerosol, category 3  
 Pressurised container: May burst if heated.  
 Not flammable under normal conditions of use but contains flammable components  
 (Testing on flammability in closed space, FEA X610-E, are negative)



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Classification is based on test data.

**Health:** Not classified

Classification based on calculation method.

**Environment:** Not classified

Classification based on calculation method.

## 2.2. Label elements

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

**Signal word:** Warning  
**Hazard statement(s):** H229 : 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.  
P410/412 : Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
**Supplemental Hazard information:** 3 % by mass of the contents are flammable.  
Contains:  
1,2-benzisothiazol-3(2H)-one  
May produce an allergic reaction.

**Regulation (EC) No 648/2004 on detergents:** aliphatic hydrocarbons < 5 %  
non-ionic surfactants < 5 %  
benzisothiazolinone, benzoic acid

## 2.3. Other hazards

No information available

## 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 |
|--|---------------------|-------------|-------------|-------|---|------------------------------|-------|
| Hydrocarbons, C3-4-rich, petroleum distillate<br>Petroleumgas (1,3-butadiene < 0.1%) | 01-2119485926-20    | 68512-91-4  | 270-990-9   | 1-5   | Press. Gas, Flam. Gas 1   | H280, H220                   | K, G  |
| Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides                               | 01-2119490061-47    | 308062-28-4 | (931-292-6) | <2.5  | Eye Dam. 1, Acute Tox. 4, Skin Irrit. 2, Aquatic Acute 1, Aquatic Chronic 2 | H318, H302, H315, H400, H411 | Q     |



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|                              |   |           |           |       |   |                                    |     |
|------------------------------|---|-----------|-----------|-------|---|------------------------------------|-----|
| 1,2-benzisothiazol-3(2H)-one | - | 2634-33-5 | 220-120-9 | <0.05 | Acute Tox. 2, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2 | H330,H302,H315,H318,H317,H400,H411 | X,R |
|------------------------------|---|-----------|-----------|-------|---|------------------------------------|-----|

**Explanation notes**

G : exempted from the obligation to register in accordance with art.2(7)of REACH Regulation No 1907/2006

K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)

Q : The CAS-no is only an indicative identifier to be used outside the EU for global inventory entries.

R : substance in plant protection or biocidal product regarded as being registered (art.15 REACH Regulation No 1907/2006)

X : SCL (specific concentration limit)in accordance with art.10 of CLP Regulation No 1272/2008

(\* 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  
**Contact with skin :** Wash with plenty of soap and water.  
**Inhalation :** Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
**Ingestion :** If swallowed accidentally, do not induce vomiting and seek medical advice.

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

**Inhalation :** No adverse health effects expected  
**Ingestion :** May cause gastrointestinal disturbances  
 Symptoms : sore throat, abdominal pain, nausea, vomiting  
**Skin contact :** May cause irritation.  
**Eye contact :** May cause irritation.

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

**General Advice :** In case of accident or 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**

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,CO2



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### 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  
Wash spill site with water and detergent

### 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  
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.

### 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.  
Store frost free  
Keep out of reach of children.

### 7.3. Specific end use(s)

Cleaners - Precision



|                      |                           |                       |                        |
|----------------------|---------------------------|-----------------------|------------------------|
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits :

No information available

### 8.2. Exposure controls

|                                  |   |
|----------------------------------|---|
| <b>Control procedures :</b>      | Ensure adequate ventilation<br>Keep away from heat and sources of ignition  |
| <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>          | 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.<br>In all cases handle and use the product in accordance with good industrial hygiene practices. |
| Recommended gloves:              | (neoprene)  |
| <b>eyes :</b>                    | Wear safety eyewear according to EN 166.  |
| <b>Environmental protection:</b> | Avoid release to the environment.<br>Collect spillage.  |

## SECTION 9: Physical and chemical properties

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

(for aerosols data for the product without propellant)

|   |                                  |
|---|----------------------------------|
| <b>Appearance : physical state :</b>    | Propane/butane propelled liquid. |
| <b>colour :</b>                         | Colourless to yellow.            |
| <b>odour :</b>                          | Characteristic odor.             |
| <b>pH :</b>                             | 9 - 10                           |
| <b>Boiling point/range :</b>            | Not available.                   |
| <b>Flash point :</b>                    | None                             |
| <b>Explosion limits : upper limit :</b> | Not available.                   |
| <b>lower limit :</b>                    | Not available.                   |
| <b>Vapour pressure :</b>                | Not available.                   |
| <b>Relative density :</b>               | 1.0 g/cm <sup>3</sup> (@ 20°C).  |
| <b>Auto-ignition :</b>                  | > 200 °C                         |

### 9.2. Other information

|   |        |
|---|--------|
| <b>VOC = volatile organic compounds</b> | 35 g/l |
|---|--------|



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## 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  
Store frost free

### 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>acute toxicity:</b>                    | based on available data the classification criteria are not met |
| <b>skin corrosion/irritation:</b>         | based on available data the classification criteria are not met |
| <b>serious eye damage/irritation:</b>     | based on available data the classification criteria are not met |
| <b>respiratory or skin sensitisation:</b> | based on available data the classification criteria are not met |
| <b>germ cell mutagenicity:</b>            | based on available data the classification criteria are not met |
| <b>carcinogenicity:</b>                   | based on available data the classification criteria are not met |
| <b>toxicity for reproduction:</b>         | based on available data the classification criteria are not met |
| <b>STOT-single exposure:</b>              | based on available data the classification criteria are not met |
| <b>STOT repeated exposure:</b>            | based on available data the classification criteria are not met |
| <b>aspiration hazard:</b>                 | based on available data the classification criteria are not met |

### Information on likely routes of exposure:

|                     |                                    |
|---------------------|------------------------------------|
| <b>Inhalation :</b> | No adverse health effects expected |
| <b>Ingestion :</b>  | Ingestion is unlikely to occur     |



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**Skin contact :** May cause irritation.  
**Eye contact :** May cause irritation.

**Toxicological data :**

| Hazardous ingredient                                    | CAS-nr.     | method        |            |
|---|-------------|---------------|------------|
| Amines, C12-14 (even numbered)- alkyldimethyl, N-oxides | 308062-28-4 | LD50 oral rat | 1064 mg/kg |

**SECTION 12: Ecological information****12.1. Toxicity**

Not classified

**Ecotoxicological data:**

| Hazardous ingredient                                    | CAS-nr.     | method       |            |
|---|-------------|--------------|------------|
| Amines, C12-14 (even numbered)- alkyldimethyl, N-oxides | 308062-28-4 | IC50 algae   | 0.143 mg/l |
|   |             | LC50 fish    | 2.67 mg/l  |
|   |             | EC50 daphnia | 3.1 mg/l   |

**12.2. Persistence and degradability**

No experimental data available

**12.3. Bioaccumulative potential**

No experimental data available

**12.4. Mobility in soil**

Soluble in water

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

No information available

**12.6. Other adverse effects**

No experimental data available  
GWP (global warming potential): 0

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

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National regulations : 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  
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.





|   |                                |                      |
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## 15.2. Chemical safety assessment

No information available

## SECTION 16: Other information

\*Explanation hazard statements: H220 : Extremely flammable gas.  
H280 : Contains gas under pressure; may explode if heated.  
H302 : Harmful if swallowed.  
H315 : Causes skin irritation.  
H317 : May cause an allergic skin reaction.  
H318 : Causes serious eye damage.  
H330 : Fatal if inhaled.  
H400 : Very toxic to aquatic life.  
H411 : Toxic to aquatic life with long lasting effects.

acronyms and synonyms: TWA = time weight average  
STEL = short time exposure limit  
VOC = volatile organic compounds  
PBT = persistent bioaccumulative toxic  
vPvB = very persistent very bioaccumulative

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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