

Productname : Oxide Clean Plus  
 Ref.Nr.: BDS002322\_3\_20180220 (EN)

Creationdate : 20.02.18 Version : 1.0  
 Replaces:

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

### 1.1. Product identifier

Oxide Clean Plus  
 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 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

Subsidiaries		Tel	Fax
CRC Industries Finland Oy	Laurinkatu 57 A 23 B, 08100 Lohja	+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:** Hazardous to the aquatic environment, chronic category 4

May cause long lasting harmful effects to aquatic life.

Classification based on calculation method.

## 2.2. Label elements

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

<b>Hazard statement(s):</b>	H229 : Pressurised container: May burst if heated. H413 : May cause long lasting harmful effects to aquatic life.
<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. 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>	In use may form flammable/explosive vapour-air mixture. 9 % by mass of the contents are flammable.

**Regulation (EC) No 648/2004 on detergents:** halogenated hydrocarbons > 30 %

## 2.3. Other hazards

No experimental data 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
ethyl nonafluorobutyl ether	01-0000017174-74	163702-05-4	425-340-0	10-25	Aquatic Chronic 4	H413	
ethyl nonafluoroisobutyl ether	01-0000017174-74	163702-06-5	425-340-0	10-25	Aquatic Chronic 4	H413	
trans- dichloroethylene	01-2120093504-55	156-60-5	205-860-2	5-10	Flam. Liq. 2, Acute Tox. 4, Aquatic Chronic 3	H225,H332,H412	
Distillates (petroleum), hydrotreated middle; Gasoil - unspecified	01-2119489867-12	64742-46-7	265-148-2	0-1	Acute Tox. 4, Skin Irrit. 2, Asp. Tox. 1, Aquatic Chronic 3	H332,H315,H304,H411	N



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**Explanation notes**

N : not classified as carcinogen, full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen

(\* 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
<b>Contact with skin :</b>	Wash with plenty of soap and water.
<b>Inhalation :</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
<b>Ingestion :</b>	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>	No adverse health effects expected
<b>Ingestion :</b>	May cause gastrointestinal disturbances Symptoms : sore throat, abdominal pain, nausea, vomiting
<b>Skin contact :</b>	May cause irritation.
<b>Eye contact :</b>	May cause irritation.

**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  
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**

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### 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

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure limits :**



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No information available

## 8.2. Exposure controls

<b>Control procedures :</b>	Ensure adequate ventilation 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. Ensure adequate ventilation
<b>inhalation :</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
recommended respiratory protection:	Air purifying respirator equipped with organic gas/vapor cartridge (type AX)
<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. In all cases handle and use the product in accordance with good industrial hygiene practices.
Recommended gloves:	Nitrile
<b>eyes :</b>	Wear safety eyewear according to EN 166.
<b>Environmental protection:</b>	Avoid release to the environment. 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>Apperance : physical state :</b>	Liquid under pressure.
<b>colour :</b>	Red.
<b>odour :</b>	Characteristic odor.
<b>pH :</b>	Not applicable.
<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>	1.34 g/cm <sup>3</sup> (@ 20°C).
<b>Solubility in water :</b>	Insoluble in water
<b>Auto-ignition :</b>	> 200 °C

### 9.2. Other information

<b>VOC = volatile organic compounds</b>	1340 g/l
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known if used for its intended purpose



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## 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
<b>Skin contact :</b>	May cause irritation.
<b>Eye contact :</b>	May cause irritation.

### Toxicological data :



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No information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, chronic category 4  
May cause long lasting harmful effects to aquatic life.

#### Ecotoxicological data:

No information available

### 12.2. Persistence and degradability

No experimental data available

### 12.3. Bioaccumulative potential

No experimental data available

### 12.4. Mobility in soil

Insoluble in water

### 12.5. Results of PBT and vPvB assessment

No experimental data available

### 12.6. Other adverse effects

No experimental data available  
GWP (global warming potential): 38.88183866868

## 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.

**National regulations :** Disposal should be in accordance with local, state or national legislation

## SECTION 14: Transport information

### 14.1. UN number



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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.

#### 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.  
H304 : May be fatal if swallowed and enters airways.  
H315 : Causes skin irritation.  
H332 : Harmful if inhaled.  
H411 : Toxic to aquatic life with long lasting effects.  
H412 : Harmful to aquatic life with long lasting effects.  
H413 : May cause long lasting harmful effects to aquatic life.

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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