

Productname : INOX 200  
Ref.Nr.: BDS001167\_3\_20120124  
Creationdate : 24.01.12 Version : 1.0  
Replaces: AB19600

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

**INOX 200**  
Aerosol

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

Anti Corrosion Products

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

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CRC Industries France	6, avenue du marais, B.P. 90028, 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:** R66: Repeated exposure may cause skin dryness or cracking.  
R67: Vapours may cause drowsiness and dizziness.  
**Physical:** EXTREMELY FLAMMABLE  
**Environment:** not classified



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 Ref.Nr.: BDS001167\_3\_20120124  
 Creationdate : 24.01.12 Version : 1.0  
 Replaces: AB19600

## 2.2. Label elements

Warning symbol(s) :	EXTREMELY FLAMMABLE 
Risk-phrase(s) :	R66: Repeated exposure may cause skin dryness or cracking. 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.
Special labelling provisions:	Contains: nickel May produce an allergic reaction.
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.

## 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
dimethyl ether	115-10-6	204-065-8	>50	F+	12	A
n-butyl acetate	123-86-4	204-658-1	10-25		10-66-67	
xylene	1330-20-7	215-535-7	2.5-10	Xn	10-20/21-38	A
nickel	7440-02-0	231-111-4	<1	T	40-43-48/23-52/53	B
cyclohexanone	108-94-1	203-631-1	<2.5	Xn	10-20	A
4-hydroxy-4-methylpentan-2-one; diacetone alcohol	123-42-2	204-626-7	<2.5	Xi	36	
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	200-661-7	<2.5	F, Xi	11-36-67	B
<b>Explanation notes</b>						
A : substance with Community workplace exposure limit						
B : substance with national established workplace exposure limit						

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
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**Productname :** INOX 200  
**Ref.Nr.:** BDS001167\_3\_20120124

**Creationdate :** 24.01.12 Version : 1.0  
**Replaces:** AB19600

dimethyl ether		115-10-6	204-065-8	>50	Flam. Gas 1, Press. Gas	H220	A
n-butyl acetate	01-2119485493-29	123-86-4	204-658-1	10-25	Flam. Liq. 3, STOT SE 3	H226, H336	
xylene		1330-20-7	215-535-7	2.5-10	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2	H226, H332, H312, H315	A
nickel		7440-02-0	231-111-4	<1	Carc. 2, STOT RE 1, Skin Sens. 1, Aquatic Chronic 3	H351, H372, H317, H412	B
cyclohexanone		108-94-1	203-631-1	<2.5	Flam. Liq. 3, Acute Tox. 4	H226, H332	A
4-hydroxy-4-methylpentan-2-one; diacetone alcohol		123-42-2	204-626-7	<2.5	Eye Irrit. 2	H319	
propan-2-ol; isopropyl alcohol; isopropanol	01-2119457558-25	67-63-0	200-661-7	<2.5	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

(\* 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 attention if irritation persists
<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 attention if irritation persists
<b>Inhalation :</b>	Fresh air, keep warm and at rest. Seek medical attention if ill effects occur
<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>	Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	May cause gastrointestinal disturbances Symptoms : sore throat, abdominal pain, nausea, vomiting
<b>Skin contact :</b>	May cause irritation. Symptoms : redness and pain
<b>Eye contact :</b>	May cause irritation. Symptoms : redness and pain

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

<b>General Advice :</b>	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**

**CRC Industries Europe bvba**

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3 / 10

<b>Productname :</b>	INOX 200	<b>Creationdate :</b>	24.01.12 Version : 1.0
<b>Ref.Nr.:</b>	BDS001167_3_20120124	<b>Replaces:</b>	AB19600

**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  
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

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

Absorb spillage in suitable inert material  
Place in appropriate container

**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  
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



**Productname :** INOX 200  
**Ref.Nr.:** BDS001167\_3\_20120124  
**Creationdate :** 24.01.12 Version : 1.0  
**Replaces:** AB19600

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 in a cool, dry, well ventilated place  
 Keep out of reach of children.

## 7.3. Specific end use(s)

Anti Corrosion Products

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits :

Hazardous ingredient	CAS-nr.	method	
<b>EU established exposure limits:</b>			
cyclohexanone	108-94-1	TWA	10 ppm
		STEL	20 ppm
dimethyl ether	115-10-6	TWA	1000 ppm
xylene	1330-20-7	TWA	50 ppm
		STEL	100 ppm
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	TWA	400 ppm
		STEL	500 ppm
<b>National established exposure limits, United Kingdom</b>			
dimethyl ether	115-10-6	TWA	400 ppm
		STEL	500 ppm
n-butyl acetate	123-86-4	TWA	150 ppm
		STEL	200 ppm
xylene	1330-20-7	TWA	50 ppm
		STEL	100 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



**Productname :** INOX 200 **Creationdate :** 24.01.12 Version : 1.0  
**Ref.Nr.:** BDS001167\_3\_20120124 **Replaces:** AB19600

**inhalation :** In case of insufficient ventilation, wear suitable respiratory equipment.  
(filter AXP2)  
**hands and skin :** Wear suitable protective gloves  
(nitrile)  
**eyes :** Wear safety goggles.

## 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 :** DME propelled liquid.  
**colour :** Grey.  
**odour :** Solvent.  
**pH :** Not applicable.  
**Boiling point/range :** Not available.  
**Flash point :** - 41 °C (Closed Cup)  
**Evaporation rate :** Not available.  
**Explosion limits : upper limit :** 18.6 %  
**lower limit :** 3 %  
**Vapour pressure :** Not available.  
**Relative density :** Not available.  
**Solubility in water :** Insoluble in water  
**Auto-ignition :** 300-450°C.  
**Viscosity :** Not available.

### 9.2. Other information

**VOC:** 622 g/l

## 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



**Productname :** INOX 200  
**Ref.Nr.:** BDS001167\_3\_20120124  
**Creationdate :** 24.01.12 Version : 1.0  
**Replaces:** AB19600

### 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>Inhalation :</b>	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	May cause gastrointestinal disturbances
<b>Skin contact :</b>	Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis Repeated exposure may cause skin dryness or cracking.
<b>Eye contact :</b>	May cause irritation.

### Toxicological data :

Hazardous ingredient	CAS-nr.	method	
n-butyl acetate	123-86-4	LD50 oral rat	> 2000 mg/kg
		LC50 inhal.rat	> 20 mg/l
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

## SECTION 12: Ecological information

### 12.1. Toxicity

not classified

### Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
n-butyl acetate	123-86-4	IC50 algae	647 mg/l
		LC50 fish	18 mg/l
		EC50 daphnia	44 mg/l
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	IC50 algae	>100 mg/l
		LC50 fish	>100 mg/l
		EC50 daphnia	>100 mg/l



**Productname :** INOX 200  
**Ref.Nr.:** BDS001167\_3\_20120124  
**Creationdate :** 24.01.12 Version : 1.0  
**Replaces:** AB19600

#### 12.2. Persistence and degradability

No information available

#### 12.3. Bioaccumulative potential

No information available

#### 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

**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

#### 14.2. UN proper shipping name

Proper shipping name: AEROSOLS, flammable

#### 14.3. Transport hazard class(es)

Class: 2.1  
ADR/RID - Classification code: 5F

#### 14.4. Packing group

Packing group: Not applicable.





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**Ref.Nr.:** BDS001167\_3\_20120124  
**Creationdate :** 24.01.12 Version : 1.0  
**Replaces:** AB19600

#### 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 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:

- R10: Flammable.
- R11: Highly flammable.
- R12: Extremely flammable.
- R20: Harmful by inhalation.
- R36: Irritating to eyes.
- R38: Irritating to skin.
- R40: Limited evidence of a carcinogenic effect.
- R43: May cause sensitization by skin contact.
- R66: Repeated exposure may cause skin dryness or cracking.
- R67: Vapours may cause drowsiness and dizziness.
- R20/21: Harmful by inhalation and in contact with skin.
- R48/23: Toxic: danger of serious damage to health by prolonged exposure through inhalation.
- R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



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<b>Ref.Nr.:</b>	BDS001167_3_20120124	<b>Replaces:</b>	AB19600

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\*Explanation hazard statements: H220 : Extremely flammable gas.  
H225 : Highly flammable liquid and vapour.  
H226 : Flammable liquid and vapour.  
H312 : Harmful in contact with skin.  
H315 : Causes skin irritation.  
H317 : May cause an allergic skin reaction.  
H319 : Causes serious eye irritation.  
H332 : Harmful if inhaled.  
H336 : May cause drowsiness or dizziness.  
H351 : Suspected of causing cancer .  
H372 : Causes damage to organs through prolonged or repeated exposure .  
H412 : Harmful 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.

