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

CRC Industries UK Ltd.
Ambersil House - Wylds Road
Castlefield Industrial Estate
TA6 4DD Bridgwater Somerset
United Kingdom
Tel.: +44 1278 727200
Fax.: +44 1278 425644
E-mail : hse.uk@crcind.com

1.4. Emergency telephone number

(+44)(0)1278 72 7200

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Physical:	Aerosols, category 1 Extremely flammable aerosol. Pressurised container: May burst if heated.
Health:	Specific Target Organ Toxicity - Repeated Exposure Category 2 May cause damage to organs through prolonged or repeated exposure if inhaled. Specific target organ toxicity - single exposure, category 3 May cause drowsiness or dizziness.
Environment:	Not classified
Other hazards :	Repeated exposure may cause skin dryness or cracking. Contains: nickel May produce an allergic reaction.

Classification according to 67/548/EEC or 1999/45/EC:

EXTREMELY FLAMMABLE

Health:	R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness.
Physical:	EXTREMELY FLAMMABLE
Environment:	Not classified

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Product identifier:	Contains: n-butyl acetate
Hazard pictogram(s):	
Signal word:	Danger
Hazard statement(s):	H222 : Extremely flammable aerosol. H229 : Pressurised container: May burst if heated. H373-1 : May cause damage to organs through prolonged or repeated exposure if inhaled. H336 : May cause drowsiness or dizziness.
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. P211 : Do not spray on an open flame or other ignition source. P251 : Do not pierce or burn, even after use. P260 : Do not breathe dust/fume/gas/mist/vapours/spray. P271 : Use only outdoors or in a well-ventilated area. P314 : Get medical advice/attention if you feel unwell. 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.
Supplemental Hazard information:	Repeated exposure may cause skin dryness or cracking. Contains: nickel May produce an allergic reaction.

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	50-75	F+	12	A
n-butyl acetate	123-86-4	204-658-1	10-25		10-66-67	
xylene	1330-20-7	215-535-7	2.5-5	Xn	10-20/21-38	A
nickel	7440-02-0	231-111-4	<1	T	40-43-48/23-52/53	B
4-hydroxy-4-methylpentan-2-one; diacetone alcohol	123-42-2	204-626-7	0-2.5	Xi	36	
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	200-661-7	0-2.5	F,Xi	11-36-67	B
Explanation notes						
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
dimethyl ether	01-2119472128-37	115-10-6	204-065-8	50-75	Flam. Gas 1, Press. Gas	H220,H280	A
n-butyl acetate	01-2119485493-29	123-86-4	204-658-1	10-25	Flam. Liq. 3, STOT SE 3	H226,H336	
xylene	01-2119488216-32	1330-20-7	215-535-7	2.5-5	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1	H226,H312,H332,H315,H319,H335,H373,H304	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
4-hydroxy-4-methylpentan-2-one; diacetone alcohol	01-2119473975-21	123-42-2	204-626-7	0-2.5	Flam. Liq. 3, Eye Irrit. 2, STOT SE 3	H226,H319,H335	
propan-2-ol; isopropyl alcohol ;isopropanol	01-2119457558-25	67-63-0	200-661-7	0-2.5	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

Contact with eyes : If substance has got into eyes, immediately wash out with plenty of water
If eye irritation persists: Get medical advice/attention.

Contact with skin : Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.

Inhalation : IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.

Ingestion : 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

Inhalation :	Excessive 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. Symptoms : sore throat, abdominal pain, nausea, vomiting
Skin contact :	May cause irritation. Symptoms : redness and pain
Eye contact :	May cause irritation. Symptoms : redness and pain

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
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

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
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)

Anti Corrosion Products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

Hazardous ingredient	CAS-nr.	method	
EU established exposure limits:			
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
National established exposure limits, United Kingdom			
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
inhalation :	In case of insufficient ventilation, wear suitable respiratory equipment. (filter AXP2)
hands and skin :	Wear suitable protective gloves against chemicals (nitrile)
eyes :	Wear safety goggles.
Environmental protection:	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)

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 :	22.8 %
lower limit :	2.9 %
Vapour pressure :	Not available.
Relative density :	0.783 g/cm3 (@ 20°C).
Solubility in water :	Insoluble in water
Auto-ignition :	275 °C
Viscosity :	23 Sec (ASTM CF 4).

9.2. Other information

VOC:	697 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

10.5. Incompatible materials

Strong oxidising agent

10.6. Hazardous decomposition products

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 :	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.
Eye contact :	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	> 5000 mg/kg
		LC50 inhal.rat	> 20 mg/l
		LD50 derm.rabit	> 5000 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	> 1000 mg/l
		LC50 fish	> 1000 mg/l
		EC50 daphnia	> 1000 mg/l

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

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:	(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. 2013/10/EU, 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.
Regulation (EC) No 1272/2008 (CLP)
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. 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.
*Explanation hazard statements:	H220 : Extremely flammable gas. H225 : Highly flammable liquid and vapour. H226 : Flammable liquid and vapour. H280 : Contains gas under pressure; may explode if heated. H304 : May be fatal if swallowed and enters airways. 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. H335 : May cause respiratory irritation. H336 : May cause drowsiness or dizziness. H351 : Suspected of causing cancer . H372 : Causes damage to organs through prolonged or repeated exposure . H373 : May cause 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.