



CRC Industries Europe bvba
Touwslagerstraat 1
9240 Zele - Belgium
Tel (+32) (0) 52 / 45 60 11 - Fax (+32) (0) 52 / 45 00 34



Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : Electrofuge 200 avec traceur
Ref.Nr.: AB39590-3-311007
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1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : Electrofuge 200 avec traceur
Aerosol

Application : Anti Corrosion Products

Company : **CRC Industries Europe bvba**
Touwslagerstraat 1
9240 ZELE
Belgium
Tel.: (+32)(0)52/456011
Fax: (+32)(0)52/450034
E-mail : hse@crcind.com

In case of emergency : (+32) (0)52/45 60 11

Subsidiaries		Tel	Fax
CRC Industries Finland	Asemanrinne 13, 08500 Lohja AS	(+358)(0)19/32921	(+358)(0)19/383676
CRC Industries France	12, Bld des Martyrs de Chateaubriant F-95102 Argenteuil Cédex	(+33)(0)1/34112000	(+33)(0)1/34110996
CRC Industries Deutschland	Südring 9, 76473 Iffezheim	(+49)(0)7229/3030	(+49)(0)7229/303266
CRC Industries Iberia	Gremio del cuero S/N, 40195 Segovia	(+34)921/427546	(+34)921/436270
CRC Industries Sweden	Kryptogatan 14, 43153 Mölndal	(+46)(0)31/7068480	(+46)(0)31/273991

2. HAZARD IDENTIFICATION

Health and Safety : Extremely Flammable
Repeated exposure may cause skin dryness or cracking.
Vapours may cause drowsiness and dizziness.

Environment : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other hazards : Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.

3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
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ingredient						
dimethyl ether	115-10-6	204-065-8	30-60	F+	12	A
xylene	1330-20-7	215-535-7	<12.5	Xn	10-20/21-38	A
ethyl acetate	141-78-6	205-500-4	5-10	F,Xi	11-36-66-67	
2-octyl-2H-isothiazol-3-one	26530-20-1	247-761-7	<0.05	T,N	22-23/24-34-43-50/53	
2-Propanol, 1-ethoxy-, acetate	54839-24-6	259-370-9	1-5		10-67	
Naphtha (petroleum), hydrotreated light (benzene<0.1%)	64742-49-0	265-151-9	5-10	F,Xn,N	11-38-51/53-65-67	B,P
butanone; ethyl methyl ketone	78-93-3	201-159-0	5-10	F,Xi	11-36-66-67	A
Explanation notes						
A : substance with Community workplace exposure limit						
B : substance with national established workplace exposure limit						
P : not classified as carcinogen, less than 0.1% w/w benzene (Einecs-nr. 200-753-7)						

Note H and P of Annex I (67/548/EEC) apply for the naphtha's in this product.

(* Explanation risk-phrases : see chapter 16)

4. FIRST AID MEASURES

General Advice :	If symptoms persist always call a doctor
Contact with eyes :	If substance has got into eyes, immediately wash out with water for at least 15 minutes
Contact with skin :	Wash with water and soap. Seek medical attention if irritation persists
Inhalation :	Fresh air, keep warm and at rest. Seek medical attention if ill effects occur
Ingestion :	If swallowed accidentally, do not induce vomiting and seek medical advice.

5. FIRE-FIGHTING MEASURES

Flash point (without propellant):	< 0 °C
Explosion limits : upper limit :	not available
lower limit :	not available
Extinguishing media :	foam, carbon dioxide or dry agent
Fire-fighting procedures :	Keep container(s) exposed to fire cool, by spraying with water
Unusual exposure hazard :	May form explosive vapour/air mixtures Aerosols may explode if heated above 50°C

6. ACCIDENTAL RELEASE MEASURES

Personal precautions :	Shut off all ignition sources Ensure adequate ventilation
Environmental precautions :	Do not allow to enter public sewers and watercourses
Cleaning methods :	Absorb spillage in suitable inert material

7. HANDLING AND STORAGE

Handling procedures :	Use only in well ventilated areas 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. Avoid contact with skin and eyes. Do not breathe aerosols or vapours.
Storage procedures :	Keep in a cool, dry, well ventilated place Keep out of reach of children.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Control procedures :	Ensure adequate ventilation
Personal protection :	Ensure adequate ventilation It is advisable to take precautions to avoid contact with skin and eyes when handling the product.

Exposure limits :

Hazardous ingredient	CAS-nr	method	
EU established exposure limits:			
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	112-34-5	TWA	10 ppm
		STEL	15 ppm
dimethyl ether	115-10-6	TWA	1000 ppm
xylene	1330-20-7	TWA	50 ppm
		STEL	100 ppm
butanone; ethyl methyl ketone	78-93-3	TWA	200 ppm
		STEL	300 ppm

9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

Apperance : physical state :	DME propelled liquid
colour :	colourless to yellow
odour :	Characteristic odour
Boiling point/range :	not available
Relative density :	0.88 g/cm ³ (@ 20°C)
pH :	not applicable
Vapour pressure :	not available
Can Pressure :	4 bar (20°C)
Relative vapour density :	not available
Solubility in water :	Insoluble in water
Flash point :	< 0 °C
Auto-ignition :	> 200 °C
Viscosity :	not available

Evaporation rate : not available

10. STABILITY AND REACTIVITY

Conditions to be avoided : Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.

Materials to be avoided : Strong oxidising agent

Hazardous decomposition compounds : CO,CO2

11. TOXICOLOGICAL INFORMATION

Inhalation : Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness

Skin contact : Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

12. ECOLOGICAL INFORMATION

Other adverse effects : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Do not allow to enter public sewers and watercourses
component CAS-nr method value unit

13. WASTE DISPOSAL

Product : Do not allow to enter public sewers and watercourses

Contaminated packaging : Do not pierce or burn aerosols, even after use.
Disposal should be in accordance with local, state or national legislation

14. TRANSPORT

UN-number : 1950

Road/Rail - ADR/RID : UN1950 Aerosols Class : 2, PG : NA, Class code : 5F, Label : 2.1

Sea - IMDG : UN1950 Aerosols Ltd Qty Class : 2.1, PG : NA, Label : 2.1

EmS F-D,S-U

Air - IATA/ICAO : UN1950 Aerosols, flammable Class : 2.1, PG : NA, Label : RFG

Packing instr. LQ Y203

PAX 203

CAO 203

15. REGULATORY INFORMATION

Warning symbol(s) : F+

Risk-phrase(s) : R12: Extremely flammable.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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 spray.
S24/25: Avoid contact with skin and eyes.
S35: This material and its container must be disposed of in a safe way.
S51: Use only in well-ventilated areas.

Contains : 2-octyl-2H-isothiazol-3-one

May produce an allergic reaction.

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.

16. OTHER INFORMATION

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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***Explanation risk-phrases:**

R10: Flammable.
R11: Highly flammable.
R12: Extremely flammable.
R20/21: Harmful by inhalation and in contact with skin.
R22: Harmful if swallowed.
R23/24: Toxic by inhalation and in contact with skin.
R34: Causes burns.
R36: Irritating to eyes.
R38: Irritating to skin.
R43: May cause sensitization by skin contact.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65: Harmful: may cause lung damage if swallowed.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.

This Material Safety Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Material Safety Data Sheet will be sent to you upon simple request or can be found on our website : www.crcind.com. We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.