

Productname : FIX
Ref.Nr.: AB15400-3-311007

Creationdate : 31.10.07
Replaces: 07.05.03

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : FIX
Aerosol

Application : Car Care

Company : CRC Industries Europe bvba
Touwslagerstraat 1
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Belgium
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Fax: (+32)(0)52/450034
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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	Kryptongatan 14, 43153 Mölndal	(+46)(0)31/7068480	(+46)(0)31/273991

2. HAZARD IDENTIFICATION

Health and Safety : R12: Extremely flammable.
(propane/butane propellant)

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

3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
ethanediol; ethylene glycol	107-21-1	203-473-3	2.5-10	Xn	22	A
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%)	68512-91-4	270-990-9	25-50	F+	12	K
Explanation notes						
A : substance with Community workplace exposure limit						
K : not classified as carcinogen, less than						



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Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)						

(* Explanation risk-phrases : see chapter 16)

4. FIRST AID MEASURES

General Advice : The usual precautions for handling chemicals should be observed
If any symptoms should occur, seek medical advice.

Contact with eyes : If substance has got into eyes, immediately wash out with water for at least 15 minutes
Seek medical advice

Contact with skin : Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water
Seek medical attention if irritation persists

Inhalation : Fresh air, keep warm and at rest.

Ingestion : Ingestion is unlikely to occur
If swallowed accidentally, do not induce vomiting and seek medical advice.

5. FIRE-FIGHTING MEASURES

Flash point (without propellant): > 100 °C

Explosion limits : upper limit : not available

lower limit : not available

Extinguishing media : water, foam, carbon dioxide or dry agent

Fire-fighting procedures : Keep container(s) exposed to fire cool, by spraying with water

Unusual exposure hazard : Aerosols may explode if heated above 50°C
In case of fire, do not breathe fumes

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Shut off all ignition sources
Ensure adequate ventilation
Wear suitable protective clothing and gloves.

Environmental precautions : Do not allow to enter public sewers and watercourses

Cleaning methods : Absorb spillage in suitable inert material

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7. HANDLING AND STORAGE

Handling procedures :

Ensure adequate ventilation
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.
Avoid contact with skin and eyes.

Storage procedures :

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
Store frost free
Keep out of reach of children.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Control procedures :

Ensure adequate ventilation
Keep away from heat and sources of ignition
Take precautionary measures against static discharges

Personal protection :

It is advisable to take precautions to avoid contact with skin and eyes when handling the product.
Use only in well ventilated areas

Exposure limits :

Hazardous ingredient	CAS-nr	method	
EU established exposure limits:			
ethanediol; ethylene glycol	107-21-1	TWA	20 ppm
		STEL	40 ppm

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

Apperance : physical state :

propane/butane propelled liquid
butane propelled liquid

colour :

white

odour :

ammonia

Melting point/range :

<-20 °C

Boiling point/range :

100 °C

Relative density :

< 1 g/cm³ (@ 20°C)

pH :

> 9

Vapour pressure :

< 110 kPa (@ 20°C)

Relative vapour density :

not available

Solubility in water :

Insoluble in water

Flash point :

> 100 °C



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Auto-ignition : > 200 200-300°C
Viscosity : not available
Evaporation rate : not applicable

10. STABILITY AND REACTIVITY

Conditions to be avoided : Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
Store frost free
Materials to be avoided : Strong oxidising agent
Reacts with acids
Hazardous decomposition compounds : carbon oxides

11. TOXICOLOGICAL INFORMATION

Inhalation : Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion : Ingestion is unlikely to occur
After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.
Skin contact : Mildly irritating to skin
(alkaline product)
Eye contact : Mildly irritating to eyes

12. ECOLOGICAL INFORMATION

No experimental data available
Do not allow to enter public sewers and watercourses

13. WASTE DISPOSAL

Product : Do not empty into drains.
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



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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.

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.
S51: Use only in well-ventilated areas.

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:** R12: Extremely flammable.
R22: Harmful if swallowed.

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