

Productname : GLASS CLEAN
Ref.Nr.: AB13800-3-311007
Creationdate : 31.10.07
Replaces: 25.10.07

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : GLASS CLEAN
Aerosol

Application : Car Care

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	Kryptongatan 14, 43153 Mölndal	(+46)(0)31/7068480	(+46)(0)31/273991

2. HAZARD IDENTIFICATION

Health and Safety : Extremely Flammable
(propane/butane propellant)

Environment : According to EU-directive 99/45/EC not classified

Other hazards : 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.

3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	203-539-1	<0.1		10	A
pentane	109-66-0	203-692-4	<0.1	F+,Xn,N	12-51/53-65-66-67	A



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Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
2-aminoethanol ethanolamine	141-43-5	205-483-3	<0.1	C	20/21/22-34	A
3-butoxypropan-2-ol; propylene glycol monobutyl ether	5131-66-8	225-878-4	1-5	Xi	36/38	
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	200-661-7	1-5	F,Xi	11-36-67	
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%)	68512-91-4	270-990-9	5-10	F+	12	K
Explanation notes						
A : substance with Community workplace exposure limit						
K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)						

(* Explanation risk-phrases : see chapter 16)

Remark: for substances with workplace exposure limits see point 8.

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 plenty of water
Seek medical attention if irritation persists

Contact with skin : Wash with water and soap.

Inhalation : Remove patient to fresh air

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): 42 °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 : Aerosols may explode if heated above 50°C



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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 : Flush spill area with copious amounts of water

7. HANDLING AND STORAGE

Handling procedures : The usual precautions for handling chemicals should be observed
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.

Exposure limits :

Hazardous ingredient	CAS-nr	method	
EU established exposure limits:			
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	TWA	100 ppm
		STEL	150 ppm
pentane	109-66-0	TWA	1000 ppm
2-aminoethanol ethanolamine	141-43-5	TWA	1 ppm
		STEL	3 ppm

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

Apperance : physical state : propane/butane propelled liquid

colour : colourless

odour : neutral

Boiling point/range : not available



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Relative density : 0.99 g/cm³ (@ 20°C)
pH : 9.06
Vapour pressure : not available
Relative vapour density : not available
Solubility in water : Soluble in water
Flash point : 42 °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

Ingestion : Foams may penetrate lungs.

12. ECOLOGICAL INFORMATION

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 : 5A, Label : 2.2
Sea - IMDG : UN1950 Aerosols Ltd Qty Class : 2.2, PG : NA
EmS F-D,S-U
Air - IATA/ICAO : UN1950 Aerosols, non-flammable Class : 2.2, PG : NA, Label : RNG
Packing instr. LQ Y203
PAX 203
CAO 203



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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.

Regulation (EC) No 648/2004 on detergents:

aliphatic hydrocarbons	5 - 15 %
	benzisothiazolinone, benzoic acid

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:**

R11: Highly flammable.
R12: Extremely flammable.
R36: Irritating to eyes.
R36/38: Irritating to eyes and skin.
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.

