



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

**Material Safety Data Sheet**

EU-Directive 2001/58

Productname :	KONTAKT IPA	Creationdate :	04.02.03
Ref.Nr.:	AB27710-3-040203	Replaces:	24.05.00

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : KONTAKT IPA
Aerosol

Application : Cleaners - Precision

Company : **CRC Industries Europe n.v.**
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	Asemannrinne 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. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*
carbon dioxide	124-38-9	204-696-9	1-5		
propan-2-ol	67-63-0	200-661-7	60-100	F,Xi	11-36-67

(* Explanation risk-phrases : see chapter 16)

3. HAZARD IDENTIFICATION

Health and Safety : R11: Highly flammable
R36: Irritating to eyes.
R67: Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES

General Advice :	If any symptoms should occur, seek medical advice.
Contact with eyes :	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes Seek immediate medical attention
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 :	Ingestion is unlikely to occur If swallowed accidentally, do not induce vomiting and seek medical advice.

5. FIRE-FIGHTING MEASURES

Flash point :	12 °C (Closed Cup)
Explosion limits : upper limit :	12 %
lower limit :	2 %
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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions :	Shut off all ignition sources Ensure adequate ventilation Wear suitable protective clothing including eye/face protection.
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 :	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. Eyewash bottles should be available 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. 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 :** Ensure adequate ventilation
It is advisable to take precautions to avoid contact with skin and eyes when handling the product.
- inhalation :** In case of insufficient ventilation, wear suitable respiratory equipment.
(Filter type AX)
- hands and skin :** Wear suitable protective gloves
(nitrile)
(neoprene)
- eyes :** Wear safety goggles.
- Exposure limits :**

Hazardous ingredient	CAS-nr	method	
carbon dioxide	124-38-9	TWA	5000 PPM

9. PHYSICAL AND CHEMICAL PROPERTIES

- Apperance : physical state :** CO₂ propelled liquid
- colour :** colourless
- odour :** alcohol
- Melting point/range :** <-30 °C
- Boiling point/range :** 82 °C
- Relative density :** 0.8
- pH :** not applicable
- Vapour pressure :** 43 mbar (@ 20°C)
- Relative vapour density :** 2.1
- Solubility in water :** Soluble in water
- Partition coefficient n-octanol/water:** 0.1
- Flash point :** 12 °C (Closed Cup)
- Auto-ignition :** 425 °C

10. STABILITY AND REACTIVITY

- Conditions to be avoided :** Avoid overheating
- Materials to be avoided :** Strong oxidising agent
- Hazardous decomposition compounds :** CO,CO₂

11. TOXICOLOGICAL INFORMATION

- Inhalation :** Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Symptoms : sore throat, cough, shortness of breath, headache
- Skin contact :** Prolonged skin contact will result in defatting of the skin
- Eye contact :** Irritating to eyes (R36)
Symptoms : redness and pain, impaired vision

12. ECOLOGICAL INFORMATION

Do not allow to enter public sewers and watercourses

13. WASTE DISPOSAL

Product : Do not empty into drains.
This material and its container must be disposed of in a safe way.
Disposal should be in accordance with local, state or national legislation

14. TRANSPORT

UN-number : 1950
Road/Rail - ADR/RID : 1950 Aerosols Class : 2, 5°F
Sea - IMDG : 1950 Aerosols, Limited Quantities Class : 2,
Air - IATA/ICAO : 1950 Aerosols, flammable Class : 2.1, , Label : RFG

Packing instr. LQ	Y203
PAX	203
CAO	203

15. REGULATORY INFORMATION

Warning symbol(s) : F,Xi
Risk-phrase(s) : R11: Highly flammable
R36: Irritating to eyes.
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.
S35: This material and its container must be disposed of in a safe way.
S51: Use only in well-ventilated areas.

Without adequate ventilation formation of explosive mixtures may be possible.
Pressurized 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.

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.
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.

***Explanation risk-phrases:**

R11: Highly flammable

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and
dizziness.