

TRADENAME KONTAKT CHEMIE KONTAKT LR

1. Supplier/Manufacturer

CRC Industries Deutschland GmbH
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Characterisation of the product :

Solvent blend. Spray can (aerosol) propellant carbon dioxide .
Application removal of flux residues from printed circuit boards.

2. COMPOSITION AND INFORMATION ON COMPONENTS

<u>hazardous ingredient</u>	<u>CAS-nr</u>	<u>% weight</u>	<u>symbol</u>	<u>R-phrases</u>
ethanol	64-17-5	10..30	F	11
propylenglycol- monoethylether	1569-02-4	5..10		10
propanol-2	67-63-0	10..30	F	11
dimethoxymethan	109-87-5	5..10	F,Xn	11-20/22
cylcohexan	110-82-7	30..100	F	11

3. HAZARD IDENTIFICATION

Health and Safety : Inhalation of solvent vapours
may give rise to nausea, headaches and
dizziness

Environment : Harmfull to aquatic organisms

4. FIRST AID MEASURES

General Advice : In case of unusual Or
persistent Symptoms always seek for
medical advice.

Contact with eyes : If substance has got into eyes,
immediatly wash out with plenty of water
for several minutes

Contact with skin : Wash with water and soap.

Inhalation : Remove patient to fresh air

Ingestion : Do not induce vomiting
Seek medical advice

5. FIRE-FIGHTING MEASURES

Flash point <0 °C

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- Explosion limits : upper limit : 17,6 vol%
lower limit : 1 vol%
- Extinguishing media : Water spray or fog, alcohol
resistant foam, dry Chemical or carbon
dioxide
- 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
- Environmental precautions : Do not allow to enter public
sewers and watercourses
- Cleaning methods : Remove with non-flammable
liquid absorbing material.

7. HANDLING AND STORAGE

- Handling procedures : Use only in well ventilated
areas (S51)
Keep away from heat and sources of ignition
Protect Containers from direct sunlight and
do not expose to temperatures exceeding
50°C.
- Storage procedures : Keep out of reach of children
(S2)
Take care of storage regulations according
to TRG 300 (Germany).
Take care of storage regulations according
to WHG, class 1 (Germany)

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

- Control procedures : Use only in well ventilated
areas (S51)
Keep away from heat and sources of ignition
- Personal protection
- inhalation : Use only in well ventilated
areas (S51)
- hands and skin : If large amounts are used wear

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11. TOXICOLOGICAL INFORMATION

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

Eye contact : Mildly irritant

Toxicological data :

<u>component</u>	<u>CAS-nr</u>	<u>method</u>	<u>value</u>	<u>unit</u>
methanol	67-56-1	LD50 oral rat	13g/kg	
		LD50 dermal rabbit	20g/kg	
		LC50 inhal cat/6h	44g/m ³	
ethanol	64-17-5	LD50 oral rat	21g/kg	
		LD50 dermal rabbit	20g/kg	
propanol-2	67-63-0	LD50 oral rat	5045	mg/kg
		LD50 i.p. rabbit	667	mg/kg
		LC50 inhal. rat/8h	12000	ppm
cyclohexan	110-82-7	LD50 oral rat	29820	mg/kg
		LD50 oral mouse	813	mg/kg
propylenglycol- monomethylether	1569-02-4	LD50 oral rat	>4000	mg/kg
		LC50 inhal. rat	14,2	g/m ³
		LD50 dermal rabbit	>6000	mg/kg
dimethoxymethan	109-87-5	LD50 oral rat	7400	mg/kg

12. ECOLOGICAL INFORMATION

Other adverse effects : WHG class 1 (self
classification, Germany)

does not contain halogenated organic compounds, does not induce AOX
does not contain heavy metal compounds

13. WASTE DISPOSAL

National regulations : Disposal should be in
accordance with local, state or national
legislation
waste code 35106, ferrous metal Containers
(Germany)
Green Point (Germany), empty Containers

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completely before disposal.

14. TRANSPORT

UN-Number : 1950

Road/Rail (ADR/RID) : class 2, cipher 5F
shipping name : aerosols

Air (IATA-DGR) : class 2.1, packing group not applicable
packing instruction : cargo 203 max.150 kg
pass. Y203 max. 30 kg
pass. 203 max. 75kg
hazard label : flammable gas
shipping name : aerosols,
flammable, n.o.s.

Sea (IMDG-Code) : class 9, page 9022
packing group : not applicable
marine pollutant : non
EMS-No. 2-13, MFAG-No. 310
shipping name : aerosols

15. REGULATORY INFORMATION

Safety-phrase(s) : Keep out of reach of children
(S2)
Keep away from sources of ignition - No
Smoking (S16)
Do not breathe gas/fumes/vapour/spray (S23)
Use only in well ventilated areas (S51)

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.
Without adequate Ventilation formation of explosive mixtures may be
possible.

16. OTHER INFORMATION

The information contained herein is based on the present state of our
knowledge and intended to describe our products from the point of view
of safety requirements. It should not therefore be construed as
guaranteeing specific properties.

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