

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (Revision 2020/878)

RM24

Revision date: 04.01.2024

Product code: 090626-RM

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

RM24

UFI: CNV2-KOCS-N00N-EWJ2

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Electronics cleaner for spray and immersion plants
Professional cleaners for industrial use

1.3. Details of the supplier of the safety data sheet

Company name: kolb Cleaning Technology GmbH
Street: Karl-Arnold-Str. 12
Place: D-47877 Willich
Telephone: +49-2154-947938 Telefax: +49-2154-947947
E-mail: info@kolb-ct.com
Contact person: Christian Linker Telephone: +49-2324-97980
E-mail: christian.linker@kolb-ct.com
Internet: www.kolb-ct.com
Responsible Department: Labor/ QS

1.4. Emergency telephone number:

+49/ (0) 23 24/ 979817 (EU)
+61 4 19 809 805 (Australia)
+1 970 443 9233 (USA)
Schweiz: 145

Further Information

Australia:	USA:
kolb Cleaning Technology AP PTY LTD	kolb USA LLC
6/150 Canterbury Road	410 Sunset, Unit C
NSW 2200 Bankstown	80501 Longmont – CO
Phone: +61 2 97900273	Phone 001- 970-532-5100
Mobile +61 4 19 809 805	Mobile: 001- 970-443-9233

SECTION 2: Hazards identification

2.2. Label elements

Hazard components for labelling

This mixture does not contain any substances which either present a health or environmental hazard according to directive 67/548/EEC or have an occupational exposure limit assigned. The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP]. The mixture is classified as not hazardous according to Directive 1999/45/EC.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Nutrale SMD adhesive cleaner for the electronics industry on the basis of (EG 648/2004 VO detergents):
Alkylpropylenglykolen, Korrosionsinhibitoren, Schaumregulatoren (silikonfrei), pH-Regulatoren.

Hazardous components

none (according to Regulation (EC) No 1907/2006 (REACH))

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SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

4.2. Most important symptoms and effects, both acute and delayed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Medical examination necessary even merely on suspicion of intoxication.

4.3. Indication of any immediate medical attention and special treatment needed

Observe risk of aspiration if vomiting occurs.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry extinguishing powder, Foam, Extinguishing powder, alcohol resistant foam, ABC-powder

Unsuitable extinguishing media

Water spray jet

5.2. Special hazards arising from the substance or mixture

Carbon monoxide

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Special danger of slipping by leaking/spilling product.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

Other information

Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Remove contaminated, saturated clothing immediately.

Advice on protection against fire and explosion

not applicable

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Further information on handling

not applicable

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special handling advices are necessary.

Further information on storage conditions

No storage class

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection: protective glasses

Hand protection

Tested protective gloves must be worn

Environmental exposure controls

non

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid:
Colour:	transparent
Odour:	neutral

Test method

Boiling point or initial boiling point and boiling range:	180 °C
Lower explosion limits:	1,1 vol. %
Upper explosion limits:	14 vol. %
Flash point:	[see also 9.2] °C
pH-Value:	not measurable
Water solubility:	completely miscible
Solubility in other solvents	
Alcohol, Glycol	
Vapour pressure:	0,0097 hPa
(at 20 °C)	
Density (at 20 °C):	0,953 g/cm ³

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

The study does not need to be conducted because the substance only contains volatile organic components with flash-points above 100 °C in aqueous solutions.

Oxidizing properties

keine

Other safety characteristics

Solvent content:	100 %
Viscosity / dynamic:	23,0 mPa·s DIN 51376
(at 20 °C)	

Further Information

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not subject to the requirements of § 4 of the Hazardous Substances Ordinance (GefStoffV)

SECTION 10: Stability and reactivity

10.2. Chemical stability

The substance is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.6. Hazardous decomposition products

not known

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE_{mix} calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

11.2. Information on other hazards

Other information

There are no other hazards that require special attention.

SECTION 12: Ecological information

12.1. Toxicity

Daphnia magna: > 10000 mg/ltr

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

070604 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; other organic solvents, washing liquids and mother liquors; hazardous waste

SECTION 14: Transport information

Land transport (ADR/RID)

14.2. UN proper shipping name:

No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)

14.2. UN proper shipping name:

No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)

14.2. UN proper shipping name:

No dangerous good in sense of these transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

No



CLEANING TECHNOLOGY
Made in Germany

kolb Cleaning Technology GmbH

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

15.2. Chemical safety assessment

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)