

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**FluxControl**

Revision date: 11.04.2017

Product code: 90628

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

FluxControl

**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:	Herr 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/ 988 12 85 (EU)  
+61 4 19 809 805 (Australia)  
+1 970 443 9233 (USA)

**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****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):  
phosphates, color**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

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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**

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**

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

##### **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**

##### **Eye/face protection**

Suitable eye protection: protective glasses

##### **Hand protection**

Tested protective gloves must be worn

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#### 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

pH-Value (at 20 °C): 6,0

#### Changes in the physical state

Initial boiling point and boiling range: 100 °C

Flash point: [see also 9.2] °C

#### 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.

Lower explosion limits:

Upper explosion limits:

#### Oxidizing properties

keine

Vapour pressure: 0,0097 hPa  
(at 20 °C)Density (at 20 °C): 1,0 g/cm<sup>3</sup>

Water solubility: completely miscible

#### Solubility in other solvents

Alcohol, Glycol

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

Solvent content: 100 %

#### 9.2. Other information

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 toxicological effects

### SECTION 12: Ecological information

#### 12.1. Toxicity

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Daphnia magna: > 10000 mg/ltr

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Dispose of waste according to applicable legislation.

##### Waste disposal number of waste from 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  
Classified as hazardous waste.

### SECTION 14: Transport information

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

### 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 hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*