

Safety Data Sheet

according to Regulation (EC) No 1907/2006

CONVOClean new, cleaner

Print date: 24.01.2013

Product code: 3007015

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

CONVOClean new, cleaner

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

For professional users only.

1.3. Details of the supplier of the safety data sheet**Manufacturer**

Company name: Convotherm Elektrogeräte GmbH

Street: Talstr. 35

Place: D-82436 Eglfing

Telephone: +49 8847 67 0

Telefax: +49 8847 414

Contact person: Kundendienst

1.4. Emergency telephone number: +49 89 19240 Giftnotruf Rechts der Isar 24h Mo-So**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

This mixture is not classified as dangerous according to Directive 1999/45/EC.

2.2. Label elements**S phrases**

- 02 Keep out of the reach of children.
 23 Do not breathe Dampf/Aerosol.
 25 Avoid contact with eyes.
 37/39 Wear suitable gloves and eye/face protection.

2.3. Other hazards

The preparation is not dangerous in the sense of Directive 1999/45/EC.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
270-115-0	Benzolsulfonsäure, C10-13-Alkylderivate	
68411-30-3	Xn - Harmful, Xi - Irritant R22-38-41	< 3 %
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1; H302 H315 H318	
01-2119489428-22		
500-220-1	Decyloctylglykoside	< 5 %
68515-73-1	Xi - Irritant R41	

Full text of R and H phrases: see Section 16.

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SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Change contaminated clothing.

After inhalation

In case of inhaling spray mists, consult a doctor . Provide fresh air.

After contact with skin

After contact with skin, wash immediately with: Water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. Seek medical attention if problems persist.

After ingestion

Rinse mouth immediately and drink large quantities of water. Do not induce vomiting. Medical treatment necessary.

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

Following symptoms can occur: gastro-intestinal ailment. Nausea. Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc.

Caution if victim vomits: Risk of aspiration!

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

Treatment: First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Use water spray/stream to protect personnel and to cool endangered containers. Water. Foam. Dry extinguishing powder. ABC powder. Carbon dioxide (CO₂). Extinguishing materials should be selected according to the surrounding area.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide. Nitrogen oxides (NO_x). Sulphur dioxide (SO₂).. Carbon dioxide (CO₂).

5.3. Advice for firefighters

The product itself is not combustible. In case of fire: Wear self-contained breathing apparatus.

Additional information

In case of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes. High slip hazard because of leaking or spilled product.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

Treat the assimilated material according to the section on waste disposal . Suitable material for diluting or neutralizing: Water. Acetic acid, diluted. Clear contaminated area thoroughly.

6.4. Reference to other sections

See protective measures under point 7 and 8. + 13

SECTION 7: Handling and storage

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7.1. Precautions for safe handling**Advice on safe handling**

No special handling instructions are necessary.

Advice on protection against fire and explosion

The product itself is not combustible.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Suitable material for Container: polyethylene.

Advice on storage compatibility

Materials to avoid: acid.

Further information on storage conditions

Do not store at temperatures under: 5°C. Keep only in the original container in a cool, well-ventilated place.

7.3. Specific end use(s)

Observe instructions for use.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
68515-73-1	Decyloctylglykoside		106		TWA (8 h) STEL (15 min)	AGW AGW

8.2. Exposure controls**Occupational exposure controls**

Refer to chapter 7. No further action is necessary.

Protective and hygiene measures

Avoid contact with skin and eyes.

Respiratory protection

Respiratory protection required in case of: insufficient ventilation. aerosol or mist generation.

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). P1 / P2

Hand protection

It is recommended to wear special 0.11mm-layer gloves produced out of nitrile by KCL company (Dermatril, item nr. 740).

Eye protection

It is recommended to wear tightly fitting safety glasses.

Skin protection

irrelevant

Environmental exposure controls

No information available.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	brown
Odour:	characteristic *

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Test method

pH-Value (at 20 °C): 11,45

Changes in the physical state

Boiling point: 98 °C

Flash point: not applicable

Lower explosion limits: not applicable

Upper explosion limits: not applicable

Ignition temperature: not applicable

Vapour pressure: 23 hPa

Vapour pressure: 123 hPa

Density (at 20 °C): 1,045 g/cm³

Water solubility:
(at 20 °C) miscible

Viscosity / dynamic: not determined

Vapour density: not determined

Evaporation rate: not determined

9.2. Other information

Solid content: not determined

UN Test, part III of sub-section 37.4: Test methods for corrosion to metals : Rate of corrosion (mm aluminium/year): < 6,25

SECTION 10: Stability and reactivity**10.1. Reactivity**

irrelevant

10.2. Chemical stability

irrelevant

10.3. Possibility of hazardous reactions

Exothermic reactions with: Acid.

10.4. Conditions to avoid

Protect from direct sunlight.

10.5. Incompatible materials

irrelevant

10.6. Hazardous decomposition products

irrelevant

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

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Acute toxicity

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
68411-30-3	Benzolsulfonsäure, C10-13-Alkylderivate				
	oral	LD50 mg/kg	> 2000	Rat.	OECD 401
	dermal	LD50 mg/kg	> 2000	Rat.	OECD 402
68515-73-1	Decyloctylglykoside				
	oral	LD50	3000 mg/kg	Rat.	
	dermal	LD50	5000 mg/kg	Rabbit.	

Specific effects in experiment on an animal

No data available

Irritation and corrosivity

Following eye contact: slightly irritant but not relevant for classification.

Sensitising effects

Sensitization: no danger of sensitization.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on existing data the substance does not fulfill the criteria of CMR-substances Cat. 1 and 2 according 67/548/EEC.

SECTION 12: Ecological information**12.1. Toxicity**

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	h	Species	Source
68411-30-3	Benzolsulfonsäure, C10-13-Alkylderivate					
	Acute fish toxicity	LC50	> 1 - 10 mg/l	96	Cyprinus carpio (Carp)	OECD 203
	Acute algae toxicity	ErC50 mg/l	> 10 - 100	72	Scenedesmus subspicatus	OECD 201
	Acute crustacea toxicity	EC50	> 1 -10 mg/l	48	Daphnia magna	OECD 202
68515-73-1	Decyloctylglykoside					
	Acute fish toxicity	LC50	198 mg/l	96	Pimephales promelas	
	Acute crustacea toxicity	EC50	280 mg/l	48	Daphna magna	

12.2. Persistence and degradability

The surfactants contained in the product are biodegradable according to the requirements of the Detergent Directive 648/2004/EC.

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

12.4. Mobility in soil

If product enters soil, it will be mobile and may contaminate groundwater

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

irrelevant

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Waste disposal according to official state regulations.

Waste disposal number of waste from residues/unused products

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

Waste disposal number of used product

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Water. Contaminated packing must be completely emptied and can be re-used following appropriate cleaning. Cleaned containers may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

Inland waterways transport (ADN)

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

Marine transport (IMDG)

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

Other applicable information (marine transport)

Not a hazardous material with respect to these transportation regulations.

Air transport (ICAO)

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

14.5. Environmental hazards

Dangerous for the environment: no

14.6. Special precautions for user

No special measures are necessary.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

irrelevant

Other applicable information

UN Test, part III of sub-section 37.4: Test methods for corrosion to metals : Rate of corrosion (mm aluminium/year): < 6,25

SECTION 15: Regulatory information

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

EU regulatory information

Additional information

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The surfactants contained in the product are biodegradable according to the requirements of the Detergent Directive 648/2004/EC. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Changes**

* Data changed from previous versions

Full text of R phrases referred to under Sections 2 and 3

- | | |
|----|---------------------------------|
| 22 | Harmful if swallowed. |
| 38 | Irritating to skin. |
| 41 | Risk of serious damage to eyes. |

Full text of H statements referred to under Sections 2 and 3

- | | |
|------|----------------------------|
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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