



## 1 Identification

- **Product identifier**
- **Product name:** **ControFil 2**
- **Product code:** A100530
- **Former product code (till July 2012):** 60130
- **Relevant identified uses of the substance or mixture and uses advised against** —
- **Application of the substance / the mixture** Industrial use
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** oelheld GmbH  
Ulmer Str. 133-139  
70188 Stuttgart  
GERMANY  
Tel.: +49-(0)711-16863-0  
Fax.: +49-(0)711-16863-3500  
E-Mail: hutech@oelheld.de  
Internet: www.oelheld.de
- **Imported by:** oelheld U.S., Inc.  
1100 Wesemann Drive  
West Dundee, Illinois (US) - 60118  
  
Phone: +1-847-531-8501 Email: hutech-us@oelheld.com  
FAX: +1-847-531-8511 www.oelheld.com
- **Information department:** Tel. +49-(0)711-16863-0  
msds@oelheld.de
- **Emergency telephone number:** For Chemical Emergency  
Spill, Leak, Fire, Exposure or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300  
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

## 2 Hazard(s) identification

- **Classification of the substance or mixture** The product is not classified according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**

Health = 0  
Fire = 0  
Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**

Health = 0  
Fire = 0  
Reactivity = 0
- **Other hazards** The NFPA- and the HMIS-ratings range from 0 (least severe hazard) to 4 (most severe hazard).  
NFPA and HMIS are regulations in the USA.  
NFPA: National Fire Protection Association  
HMIS: Hazardous Material Identification System

## 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of polyols and surface active substances in water.
- **Dangerous components:** Void
- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

## 4 First-aid measures

- **Description of first aid measures**
- **General information:** Remove any clothing soiled by the product.  
In case of occurring of symptoms or in doubt consult a doctor.  
If a doctor is consulted show this material safety data sheet.

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- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Wash with water and soap and rinse thoroughly. Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After ingestion:** If symptoms persist consult doctor.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

## 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing media:** Product is not inflammable under standard conditions. Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** In certain fire conditions, traces of other toxic gases cannot be excluded, e.g.: Carbon monoxide (CO)
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation  
Particular danger of slipping on leaked/spilled product.
- **Environmental precautions:** Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.  
Do not allow to penetrate the ground/soil.  
Keep contaminated washing water and dispose of appropriately.
- **Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section 13.
- **Reference to other sections** See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

· <b>PAC-1:</b>		
56-81-5	glycerol	45 mg/m3
· <b>PAC-2:</b>		
56-81-5	glycerol	180 mg/m3
· <b>PAC-3:</b>		
56-81-5	glycerol	1,100 mg/m3

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Ensure good ventilation/exhaust at the workplace.  
Open and handle receptacle with care.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from frost.  
Store in cool, dry conditions in well sealed receptacles.  
Protect from heat, direct sunlight and UV-rays.  
Storage stability under the described conditions: 12 months.

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• Specific end use(s)

No further relevant information available.

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## 8 Exposure controls/personal protection

• Additional information about design of technical systems:

No further data; see section 7.

• Control parameters

• Components with limit values that require monitoring at the workplace:

56-81-5 glycerol

PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup> mist; *total dust **respirable fraction
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TLV (USA)	TLV withdrawn-insufficient data human occup. exp.
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• Additional information:

E = Inhalable fraction

• Exposure controls

• Personal protective equipment:

• General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Wash hands before breaks and at the end of work.

Not necessary if room is well-ventilated.

Protective gloves or protective skin cream

Nitrile rubber, NBR

• Breathing equipment:

• Protection of hands:

• Material of gloves

• Penetration time of glove material

At a glove thickness of about 0,4 mm the value of the permeation breakthrough in accordance with EN 374 is for chemically similar products according to the manufacturer: &gt;480 min. (Degradation EN 374 rating class 6)

These statements are based on laboratory test methods which could not simulate working conditions exactly. The responsibility rests with the end user for choosing the right gloves for his application.

• Eye protection:

Goggles recommended during refilling.

• Body protection:

Protective work clothing

## 9 Physical and chemical properties

• Information on basic physical and chemical properties

• General Information

• Appearance:

Form:

Fluid

Color:

Colorless

• Odor:

Odorless

• Odor threshold:

Not determined.

• pH-value at 20 °C (68 °F):

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• Change in condition

Melting point/Melting range:

Undetermined.

Boiling point/Boiling range:

&gt; 100 °C (&gt; 212 °F)

• Flash point:

Not applicable.

• Flammability (solid, gaseous):

Not applicable.

• Ignition temperature:

150 °C (302 °F)

• Decomposition temperature:

Not determined.

• Danger of explosion:

Product does not present an explosion hazard.

• Explosion limits:

Lower:

Not determined.

Upper:

Not determined.

• Vapor pressure:

Not determined.

• Density at 20 °C (68 °F):

1.25 g/cm<sup>3</sup> (10.431 lbs/gal)

• Relative density

Not determined.

• Vapor density

Not determined.

• Evaporation rate

Not determined.

• Solubility in / Miscibility with

Water:

Fully miscible.

• Partition coefficient (n-octanol/water): Not determined.

• Viscosity:

Kinematic:

Not determined.

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- Solvent content:
  - VOC (EC) None
  - VOC (California) None
- Oxidising properties: Not determined.
- Other information: No further relevant information available.

## 10 Stability and reactivity

- Reactivity: No further relevant information available.
- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions: No dangerous reactions known.
- Conditions to avoid: See above
- Incompatible materials: Strong oxidizing agents
- Hazardous decomposition products: No dangerous decomposition products known.

## 11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
- LD/LC50 values that are relevant for classification:
  - ATE mix:
  - Oral: Acute toxicity estimate: > 2 000 mg/kg
  - Dermal: Acute toxicity estimate: > 2 000 mg/kg
  - Inhalation: Acute toxicity estimate: for gases > 20 000 ppmV; for vapours > 20 mg/l; for dust/mist > 5 mg/l
- Primary irritant effect:
  - on the skin: No irritant effect.
  - on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:
- Carcinogenic categories
- IARC (International Agency for Research on Cancer)
  - None of the ingredients is listed.
- NTP (National Toxicology Program)
  - None of the ingredients is listed.
- OSHA-Ca (Occupational Safety & Health Administration)
  - None of the ingredients is listed.

## 12 Ecological information

- Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability: Easily biodegradable
- Behavior in environmental systems:
- Bioaccumulative potential: No further relevant information available.
- Mobility in soil: No further relevant information available.
- Other adverse effects: No further relevant information available.

## 13 Disposal considerations

- Waste treatment methods
- Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

## 14 Transport information

- UN-Number
- DOT, ADR, ADN, IMDG, IATA: Void

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· UN proper shipping name	
· DOT, ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· DOT, ADN, IMDG, IATA	
· Class	Void
· ADR	
· Class	Void
· Label	Void
· Packing group	
· DOT, ADR, IMDG, IATA	Void
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· ADR	
· Excepted quantities (EQ):	Void
· Limited quantities (LQ)	Void
· Transport category	Void
· Tunnel restriction code	Void
· IMDG	Void
· IATA	Void
· UN "Model Regulation":	Void

## 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

### · Section 355 (extremely hazardous substances):

None of the ingredients is listed.

### · Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

### · TSCA (Toxic Substances Control Act):

All ingredients are listed.

### · Proposition 65

#### · Chemicals known to cause cancer:

None of the ingredients is listed.

#### · Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

#### · Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

#### · Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

### · Cancerogenity categories

#### · EPA (Environmental Protection Agency)

None of the ingredients is listed.

#### · TLV (Threshold Limit Value established by ACGIH)

See section 8 for information.

#### · AGW (German Maximum Workplace Concentration)

See section 8 for information.

56-81-5 | glycerol

200 E mg/m<sup>3</sup>

#### · NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

#### · Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

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## Safety Data Sheet acc. to OSHA HCS

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### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• **Reasons for alterations**

General revision.

• **Department issuing SDS:**

Department of Research & Development

• **Date of preparation / last revision**

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• **Abbreviations and acronyms:**

EC: European Community  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
ACGIH: American Conference of Governmental Industrial Hygienists  
OEL: Occupational Exposure Limit  
PNOS: Particles Not Otherwise Specified  
STEL: Short Time Exposure Limit  
TLV: Threshold Limit Value  
TWA: Time Weighted Average concentration  
WEEL: Workplace Environmental Exposure Level  
TLV: Threshold limit value  
TWA: Time Weighted Average concentration  
STEL: Short Time Exposure Limit  
IOELV: Indicative Occupational Exposure Limit Value  
OSHA: Occupational Safety & Health Administration of the U.S. Department of Labor  
ACGIH: American Conference of Governmental Industrial Hygienists  
EC50: ecotoxic concentration, 50 percent  
NOEC: no observed effect concentrations  
NOELR: No observed effect loading rate  
OECD: the Organisation for Economic Co-operation and Development [coordinates the OECD guidelines for the toxicological testing of chemicals]  
ATE: acute toxicity estimate  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health  
VOC: Volatile Organic Compounds (USA, EC)  
ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
IATA: International Air Transport Association

• \* Data compared to the previous  
version altered.

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