



# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## OPUS COOLCUT

Revision 3

Revision date 2017-07-18

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

#### 1.1. Product identifier

Product name OPUS COOLCUT

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

Product Use [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [SU17] General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment; [PC25] Metal working fluids;

#### 1.3. Details of the supplier of the safety data sheet

Company Ferguson & Menzies Ltd  
Address 312 Broomloan Road  
Glasgow G51 2JW  
Web www.fergusonmenzies.co.uk  
Telephone 0141-445 3555  
Fax 0141-425 1079  
Email info@fergusonmenzies.co.uk  
Email address of the competent person info@fergusonmenzies.co.uk

#### 1.4. Emergency telephone number


Emergency telephone number 0141-445-3555  
09.00 - 17.00

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008 Acute Tox. 4: H332;

#### 2.2. Label elements

Hazard pictograms Not applicable.  


Signal Word Warning

Hazard Statement Acute Tox. 4: H332 - Harmful if inhaled.

Precautionary Statement: Prevention P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P271 - Use only outdoors or in a well-ventilated area.

Precautionary Statement: Response P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312 - Call a POISON CENTER/doctor/ /if you feel unwell.

#### 2.3. Other hazards

Other hazards Not applicable.

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**SECTION 3: Composition/information on ingredients****3.2. Mixtures****67/548/EEC / 1999/45/EC**

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Alkanolamine carboxylate condensate (secondary amine free)					1 - 10%	Xi; R36	
Amine Borate					1 - 10%	Xi; R36/38	
Butyl diglycol					1 - 10%	Xi; R36/38	
Fungicide		3811-73-2	223-296-5		0 - 0.5%	Xn; R20/21 Xi; R36/38 N; R50	

**EC 1272/2008**

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Fungicide		3811-73-2	223-296-5		0 - 0.5%	Acute Tox. 4: H302+H312+H332; Eye Irrit. 2: H319; Aquatic Acute 1: H400;	
BIOCIDE					1 -10%	Acute Tox. 4: H302; Skin Sens. 1: H317; Acute Tox. 1: H330;	

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

<b>Inhalation</b>	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
<b>Eye contact</b>	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

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

<b>Inhalation</b>	There may be irritation of the throat with a feeling of tightness in the chest.
<b>Eye contact</b>	There may be irritation and pain.
<b>Skin contact</b>	There may be mild irritation at the site of contact.
<b>Ingestion</b>	There may be soreness and redness of the mouth and throat.

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

	Not applicable.
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

	Foam. Powder. Water spray.
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**5.2. Special hazards arising from the substance or mixture**

	Burning produces irritating, toxic and obnoxious fumes.
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**5.3. Advice for firefighters**

	Wear suitable respiratory equipment when necessary.
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**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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## 6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

## 6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 6.4. Reference to other sections

See section 8 for further information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

### 7.3. Specific end use(s)

Metal working fluids.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No data available.

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

#### 8.2.2. Individual protection measures

Wear chemical protective clothing.

#### Eye / face protection

Approved safety goggles.

#### Skin protection - Handprotection

Chemical resistant gloves (PVC).

#### Respiratory protection

Wear: Suitable respiratory equipment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Yellow
<b>Odour</b>	Characteristic
<b>pH</b>	9.2 @ 20°C
<b>Initial boiling point</b>	> 100 °C
<b>Flash point</b>	> 160 °C
<b>Vapour pressure</b>	1 Pa
<b>Autoignition temperature</b>	> 240 °C
<b>Solubility</b>	Soluble in water

### 9.2. Other information

**Specific gravity** 0.98 g/cm<sup>3</sup>

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

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**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Hazardous reactions will not occur under normal transport or storage conditions.

**10.4. Conditions to avoid**

Direct sunlight.

**10.5. Incompatible materials**

No data is available on this product.

**10.6. Hazardous decomposition products**

Do not breathe products of decomposition.

**SECTION 11: Toxicological information****11.1.4. Toxicological Information**

OPUS COOLCUT

Oral Rat LD50: &gt;2 g/kg

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

No data available

**12.2. Persistence and degradability**

Not readily biodegradable.

**12.3. Bioaccumulative potential**

No data is available on this product.

**12.4. Mobility in soil**

No data is available on this product.

**12.5. Results of PBT and vPvB assessment**

This product is not considered to be persistent, bioaccumulating nor toxic (PBT). This product is not considered to be very persistent nor very bioaccumulating (vPvB).

**12.6. Other adverse effects**

No data is available on this product.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Contact a licensed waste disposal company.

**General information**

Dispose of in compliance with all local and national regulations.

**SECTION 14: Transport information****Further information**

The product is not classified as dangerous for carriage.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Regulations**

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and

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

Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

**SECTION 16: Other information****Other information**

<b>Revision</b>	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> <li>2 - 2.1. Classification of the substance or mixture.</li> <li>2 - 2.1.2. Classification - EC 1272/2008.</li> <li>2 - Hazard pictograms.</li> <li>2 - Signal Word.</li> <li>2 - Precautionary Statement: Prevention.</li> <li>2 - Precautionary Statement: Response.</li> <li>2 - Precautionary Statement: Storage.</li> <li>2 - Precautionary Statement: Disposal.</li> <li>12 - 12.1. Toxicity.</li> <li>15 - Labelling.</li> <li>15 - Risk phrases.</li> </ul>
<b>Text of risk phrases in Section 3</b>	<p>R20/21 - Harmful by inhalation and in contact with skin.  R36/38 - Irritating to eyes and skin.  R36 - Irritating to eyes.  R50 - Very toxic to aquatic organisms.</p>
<b>Text of Hazard Statements in Section 3</b>	<p>Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled  Eye Irrit. 2: H319 - Causes serious eye irritation.  Aquatic Acute 1: H400 - Very toxic to aquatic life.  Acute Tox. 4: H302 - Harmful if swallowed.  Skin Sens. 1: H317 - May cause an allergic skin reaction.  Acute Tox. 1: H330 - Fatal if inhaled.</p>

**Further information**

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.