



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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OPUS COOLCUT BBF

Revision 0

Revision date 2017-07-11

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

1.1. Product identifier

Product name	OPUS COOLCUT BBF
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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; [SU0] Other; [PC25] Metal working fluids;
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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
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Aquatic Chronic 3: H412;
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2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P264 - Wash thoroughly after handling. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 - Specific treatment (see on this label).

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2.2. Label elements

Precautionary Statement: Disposal	P332+P313 - If skin irritation occurs: Get medical advice/attention.
	P337+P313 - If eye irritation persists: Get medical advice/attention.
	P501 - Dispose of contents/container to

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.
3-iodo-2-propynyl Butylcarbamate		55406-53-6	259-627-5		0 - 0.5%	Xi; R38-41 N; R50	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
NYNAS T9		64742-53-6	265-156-6		30 - 50%	Asp. Tox. 1: H304;	
Ionic Mixture Annex V - Amine Carboxylate					10 - 30%	Skin Irrit. 2: H315; Eye Irrit. 2: H319;	
Alkylether Carboxylic Acid Neutralised					1 - 10%	Skin Irrit. 2: H315; Eye Irrit. 2: H319;	
Alcohols C11-C14 ISO - C13 Rich		68526-86-3	271-235-6		1 - 10%	Aquatic Acute 1: H400;	
3-iodo-2-propynyl Butylcarbamate		55406-53-6	259-627-5		<1%	Acute Tox. 4: H302; Acute Tox. 3: H311; Skin Sens. 1: H317; Eye Dam. 1: H318; STOT RE 1: H372; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Aquatic Chronic 4: H413;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	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.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	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

Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.
Eye contact	May cause irritation to eyes.
Skin contact	There may be mild irritation at the site of contact.
Ingestion	There may be soreness and redness of the mouth and throat.

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

Eye contact	Eye bathing equipment should be available on the premises.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions. Cool fire exposed containers with waterspray.
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5.2. Special hazards arising from the substance or mixture

	In combustion emits toxic fumes.
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5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary. Wear protective gloves/protective clothing/eye protection/face protection.

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.

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)

No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

OPUS COOLCUT BBF (OPUS COOLCUT BIO LF)	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 67.5
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3: 101.2
	WEL 8-hr limit mg/m3 total inhalable dust:	WEL 15 min limit mg/m3 total inhalable dust:
	WEL 8-hr limit mg/m3 total respirable dust:	WEL 15 min limit mg/m3 total respirable dust:

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

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9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Light brown
Odour	Perceptible
pH	10
Initial boiling point	> 100 °C
Flash point	> 100 °C
Solubility	Miscible in water

SECTION 10: Stability and reactivity

10.1. Reactivity

	Stable under normal conditions.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Hazardous reactions will not occur under normal transport or storage conditions.
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10.4. Conditions to avoid

	Heat.
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10.5. Incompatible materials

	Strong oxidising agents. Strong acids.
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10.6. Hazardous decomposition products

	In combustion emits toxic fumes.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.

11.1.4. Toxicological Information

OPUS COOLCUT BBF	Oral Rat LD50: 4500 mg/kg	Oral Mouse LD50: 6050 mg/kg
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SECTION 12: Ecological information

12.1. Toxicity

	No data available
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12.2. Persistence and degradability

	Biodegradable.
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12.3. Bioaccumulative potential

	Does not bioaccumulate.
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12.4. Mobility in soil

	The product is readily absorbed onto soil and sediments.
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12.5. Results of PBT and vPvB assessment

	This product is not identified as a PBT substance.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

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

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: Other information

Other information

Text of risk phrases in Section 3

R38 - Irritating to skin.
R41 - Risk of serious damage to eyes.
R50 - Very toxic to aquatic organisms.

Text of Hazard Statements in Section 3

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
Skin Irrit. 2: H315 - Causes skin irritation.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Acute Tox. 4: H302 - Harmful if swallowed.
Acute Tox. 3: H311 - Toxic in contact with skin.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
Eye Dam. 1: H318 - Causes serious eye damage.
STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure .
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Aquatic Chronic 4: H413 - May cause long lasting harmful effects to aquatic life.

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.