



SAFETY DATA SHEET

MILLCOOL BFF

Page: 1

Compilation date: 23/11/2022

Revision No: 1a

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

1.1. Product identifier

Product name: MILLCOOL BFF

Product code: 8440

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

Use of substance / mixture: PC25: Metal working fluids.

1.3. Details of the supplier of the safety data sheet

Company name: Millers Oils Ltd
Hillside Oilworks
Rastrick Common
Brighouse
West Yorkshire
HD6 3DP
United Kingdom

Tel: +44 (0)1484 713201

Fax: +44 (0)1484 721263

Email: h.s@millersoils.co.uk

1.4. Emergency telephone number

Emergency tel: NHS Direct +44 111

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1A: H317; -: EUH208

Most important adverse effects: Contains 3-iodo-2-propnyl-butylcarbamate. May produce an allergic reaction. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains 3-iodo-2-propnyl-butylcarbamate. May produce an allergic reaction.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.

[cont...]

SAFETY DATA SHEET

MILLCOOL BFF

Page: 2

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+352: IF ON SKIN: Wash with plenty of water/.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC - REACH registered number(s): 01-2119480375-34-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
265-156-6	64742-53-6	-	Asp. Tox. 1: H304	30-50%

IONIC MIXTURE ANNEX V - AMINE CARBOXYLATE

-	-	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	10-30%
---	---	---	---	--------

ALKYLETHER CARBOXYLIC ACID NEUTRALISED - REACH registered number(s): POLYMER

-	-	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	1-10%
---	---	---	---	-------

2-(2-BUTOXYETHOXY)ETHANOL

203-961-6	112-34-5	-	Eye Irrit. 2: H319	1-10%
-----------	----------	---	--------------------	-------

ALCOHOLS C11-C14 ISO - C13 RICH - REACH registered number(s): 01-2119454259-32

271-235-6	68526-86-3	-	Aquatic Acute 1: H400	<1%
-----------	------------	---	-----------------------	-----

[cont...]

SAFETY DATA SHEET

MILLCOOL BFF

Page: 3

3-iodo-2-propenyl-butylcarbamate

259-627-5	55406-53-6	-	Acute Tox. 4: H302+332; Aquatic Acute 1: H400; Eye Dam. 1: H318; Aquatic Chronic 1: H410; STOT SE 3: H335; Resp. Sens. 1: H334; Skin Sens. 1A: H317	<1%
-----------	------------	---	---	-----

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: No symptoms.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers. Carbon dioxide. Alcohol resistant foam. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

[cont...]

SAFETY DATA SHEET

MILLCOOL BFF

Page: 4

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

2-(2-BUTOXYETHOXY)ETHANOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	67.5 mg/m3	101.2 mg/m3	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

[cont...]

SAFETY DATA SHEET

MILLCOOL BFF

Page: 5

9.1. Information on basic physical and chemical properties

State:	Liquid	
Colour:	Pale brown	
Odour:	Perceptible odour	
Evaporation rate:	No data available.	
Oxidising:	No data available.	
Solubility in water:	Miscible	
Viscosity:	Viscous	
Boiling point/range°C:	>100	Melting point/range°C: No data available.
Flammability limits %: lower:	No data available.	upper: No data available.
Flash point°C:	>100	Part.coeff. n-octanol/water: No data available.
Autoflammability°C:	No data available.	Vapour pressure: No data available.
Relative density:	No data available.	pH: approx 10
VOC g/l:	No data available.	

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

[cont...]

SAFETY DATA SHEET

MILLCOOL BFF

Page: 6

Hazardous ingredients:

DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

2-(2-BUTOXYETHOXY)ETHANOL

ORL	MUS	LD50	6050	mg/kg
ORL	RAT	LD50	4500	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: No symptoms.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC

ALGAE	48H EC50	>100	mg/l
FISH	96H LC50	>100	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

[cont...]

SAFETY DATA SHEET

MILLCOOL BFF

Page: 7

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

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

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.
H302+332: Harmful if swallowed or if inhaled.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335: May cause respiratory irritation.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

