


01 Identification of the substance / preparation and of the company

Product:	CoolMet
Use:	Cooling lubricant
Article number:	10-3330-032, 10-3330-128, 10-3330-640,
Company:	Buehler UK Ltd. 101 Lockhurst Lane Coventry CV6 5SF
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02 Composition / Information on ingredients

No dangerous components.

03 Hazards identification

No special hazards have to be mentioned.

04 First aid measures

General information	Change soaked clothing.
Inhalation	Ensure supply of fresh air. In the event of symptoms refer for medical treatment.
Skin contact	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
Eye contact	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Ingestion	Induce the patient to vomit of his own accord only if fully conscious. Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.
Advice to doctor	Treat symptomatically.

05 Fire-fighting measures

Suitable extinguishing media	Foam. Water spray jet. Carbon dioxide. Dry powder.
Extinguishing media that must not be used	Full water jet.
Special exposure hazards arising from the substance or preparation itself or combustion products	Risk of formation of toxic pyrolysis products.
Special protective equipment for firefighters	Use self-contained breathing apparatus.
Additional information	Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

**06 Accidental release measures**

Personal precautions	High risk of slipping due to leakage/spillage of product.
Environmental precautions	Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/ surface waters/ groundwater.
Methods for cleaning up/taking up	Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with the regulations.

07 Handling and storage

Advice on safe handling	Use only in well-ventilated areas.
Advice on protection against fire and explosion	No special measures necessary.
Requirements for storage rooms and vessels	Keep only in original container.
Advice on storage compatibility	Do not store together with oxidizing agents.
Further information on storage conditions	Keep container tightly closed.

08 Exposure controls / personal protection**Additional advice on system design**

Ensure adequate ventilation on workstation.

Ingredients with occupational exposure limits to be monitored: Not applicable.

Respiratory protection	Not applicable.
Hand protection	Butyl rubber, >120 min (EN 374)
Eye protection	Safety glasses.
Skin protection	Not applicable.
General protective measures	Avoid contact with eyes and skin.
Hygiene measures	Wash hands before breaks and after work. Use barrier skin cream.
Delimitation and monitoring of the environmental exposition	Not applicable.


09 Physical and chemical properties

Form:	Liquid.	Vapour pressure [kPa]:	< 7
Colour:	Clear.	Density [g/ml]:	1,121
Odour:	Characteristic.	Bulk density [kg/m³]:	Not applicable.
pH-value:	8,4	Solubility in water:	Miscible.
pH-value, 1%:	Not determinated.	Partition coefficient: n-octanol / water:	Not determinated.
Boiling point [°C]:	102	Viscosity:	Not applicable.
Flash point [°C]:	Not applicable.	Relative vapour density determined in air:	Not applicable.
Flammability:[°C]	Not applicable.	Evaporation speed:	Not applicable.
Lower explosion limit:	Not applicable.	Melting point [°C]:	Not determinated.
Upper explosion limit:	Not applicable.	Autoignition temperature [°C]:	Not applicable.
Combustible properties:	No.	Decomposition temperature [°C]:	Not determinated.

10 Stability and reactivity

Hazardous reactions	Reactions with strong oxidizing agents. Reactions with strong acids.
Hazardous decomposition products	No hazardous decomposition products known.

11 Toxicological information

Acute oral toxicity OECD 401	Not determinated.
Experiences made in practice	None.
General remarks	No toxicological data are available. No classification on the basis of the calculation procedure of the preparation directive.

12 Ecological information

Fish toxicity	Nicht bestimmt.
AOX-advice	Not applicable.
76/464/EC	Not applicable.
General information	Ecological data are not available.

13 Disposal considerations

Disposal / Product	For recycling, consult manufacturer.
Waste no. (recommended)	120199
Disposal / Contaminated packaging	Uncontaminated packaging may be taken for recycling.

**14 Transport information****Classification according to** no dangerous goods**ADR:**

Declaration:

Labelling:

Factor, ADR 1.1.3.6:

LQ, ADR 3.4.6:

Hazard-no:

Label:

Vapour pressure [kPa]: < 7

Classification according to**IMDG:**

Declaration: not classified as Dangerous Goods

Labelling:

Label:

LQ, [l/kg]:

EmS:

Classification according to not classified as Dangerous Goods**IATA:**

Declaration:

Labelling:

Label:

15 Regulatory information

Labelling: The product does not require a hazard warning label in accordance with EC directives

Hazard symbols**15.1 Special labelling for certain preparations**

Not applicable.

15.2 Sources of documentation

EEC: 91/155 (2001/58); 67/548 (2004/73), 29. ATP; 1999/45 (2001/60); 91/689 (2001/118); 89/542; 1999/13
Transport information: ADR (2005); IMDG-Code (32.Amdt.); IATA-DGR (2006)

15.3 National regulations(gb)

Not determinated.

16 Other informations**(Information on ingredients - Position 02)**

Not applicable.

16.1 Additional information

Observe employment restrictions for people No.

VOC, 1999/13/EG Not applicable.



16.2 Information on ingredients (648/2004)

UBA-Registration Not applicable.

648/2004/EG, contains: Not applicable.

16.3 Modified position:

None.