

1 Identification of the substance / preparation and of the company

EdgeMet Pre-Clean Article number: 20-8192

Use:	See product information.
Identified use:	Cleaner
Method of operation:	See product information.
Company:	Buehler GmbH In der Steele 2 D-40599 Düsseldorf / GERMANY Phone: 0800 707 6273 Fax: 0800 707 6274 Homepage: www.buehler-met.de/en/ E-mail: sales@buehler.co.uk
Emergency phone:	0800 707 6273 (Only valid if dialled within the UK) +49 (0) 211 974100
Responsible:	Schroeder@chemiebuero.de

2 Hazards identification

Physico-chemical hazards:	See chapter 10.
Human health dangers:	Frequent persistent contact with the skin can cause skin irritation.
Other hazards:	none
Hazard symbols:	none
R-phrases:	none

3 Composition / Information on ingredients

Comment on component parts:	No dangerous components. Substances of Very High Concern - SVHC: substances are not contained or below 0,1%.
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4 First aid measures

General information:	Change soaked clothing.
Inhalation:	Ensure supply of fresh air. In the event of symptoms seek 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 water. In the event of symptoms seek for medical treatment.
Ingestion:	Seek medical advice immediately. Do not induce vomiting. Rinse out mouth and give plenty of water to drink.
Advice to doctor:	Treat symptomatically.

5 Fire-fighting measures

Suitable extinguishing media:	Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered.
Extinguishing media that must not be used:	Full water jet.
Special exposure hazards arising from the substance or preparation itself or combustion products:	Unknown 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 within the local regulations.

6 Accidental release measures

Personal precautions:	Ensure adequate ventilation.
Environmental precautions:	Do not discharge into the drains/surface waters/groundwater.
Methods for cleaning up:	Take up with absorbent material (e.g. acid binder). Dispose of absorbed material in accordance within the regulations.

7 Handling and storage

Advice on safe handling:	No special measures necessary if used correctly.
Advice on protection against fire and explosion:	No special measures necessary.
Requirements for storage rooms and vessels:	Provide acid-resistant floor.
Advice on storage compatibility:	No special measures necessary.
Further information on storage conditions:	Keep container tightly closed.

8 Exposure controls / personal protection

Additional advice on system design:	Ensure adequate ventilation on workstation.
Ingredients with occupational exposure limits to be monitored: (GB)	not applicable
Respiratory protection:	not applicable
Hand protection:	Butyl rubber, >120 min (EN 374). The details concerned are recommendations. Please contact the glove supplier for further information.
Eye protection:	Safety glasses.
Skin protection:	none
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 determined

9 Physical and chemical properties

Form:	liquid
Color:	yellowish
Odor:	characteristic
pH-value:	2,6
pH-value [1%]:	not determined
Boiling point [°C]:	100
Flash point [°C]:	not applicable
Flammability [°C]:	not applicable
Lower explosion limit:	not applicable
Upper explosion limit:	not applicable
Oxidizing properties:	no
Vapour pressure [kPa]:	2,3 (20°C)
Density [g/ml]:	ca. 1,00 (20°C / 68,0°F)
Bulk density [kg/m³]:	not applicable
Solubility in water:	miscible
Partition coefficient [n-octanol/water]:	not determined
Viscosity:	not applicable
Relative vapour density determined in air:	not applicable
Evaporation speed:	not applicable
Melting point [°C]:	~ 0
Autoignition temperature [°C]:	not applicable
Decomposition temperature:	not applicable

10 Stability and reactivity

Hazardous reactions:	Reactions with alkalis (lyes).
Hazardous decomposition products:	No hazardous decomposition products known.

11 Toxicological information

Acute oral toxicity:	not determined
Acute dermal toxicity:	not determined
Acute inhalational toxicity:	not determined
Irritant effect on eye:	not determined
Irritant effect on skin:	not determined
Sensitization:	not determined
Subacute toxicity:	not determined
Chronic toxicity:	not determined
Mutagenicity:	not determined
Reproduction toxicity:	not determined
Carcinogenicity:	not determined
Experiences made in practice:	none
General remarks:	Toxicological data are not available. No classification on the basis of the calculation procedure of the preparation directive.

12 Ecological information

Fish toxicity:	not determined
Daphnia toxicity:	not determined
Behaviour in environment compartments:	not determined
Behaviour in sewage plant:	not determined
Bacteria toxicity:	not determined
Biological degradability:	not determined
COD:	not determined
BOD 5:	not determined
AOX-advice:	not applicable
2006/11/EC:	not applicable
General information:	No classification on the basis of the calculation procedure of the preparation directive.

13 Disposal considerations

Product:	Coordinate disposal with the authorities if necessary.
Contaminated packaging:	Uncontaminated packaging may be reused.
Waste no. (recommended):	060399

14 Transport information

Classification according to ADR:	NO DANGEROUS GOODS
Classification according to IMDG:	NOT CLASSIFIED AS "DANGEROUS GOODS"
Classification according to IATA:	NOT CLASSIFIED AS "DANGEROUS GOODS"

15 Regulatory information

Exposure scenario:	not determined
Chemical safety report:	not determined
Labelling:	The product does not require a hazard warning label in accordance with EC-directives.
Hazard symbols:	none
R-phrases:	none
S-phrases:	none
Special labelling:	none
EEC-REGULATIONS:	1967/548 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EWG (2008/47/EG
TRANSPORT-REGULATIONS:	DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2010).
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits with amendments October 2007. CHIP 3/ CHIP 4
Authorisation, TITEL VII:	not applicable
Restrictions, TITEL VIII:	not applicable



16 Other informations

Observe employment restrictions for people: no

VOC (1999/13/CE): 0%

Disclaimer: 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.

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