



1 Identification of the substance / preparation and of the company

Product:	EpoBlue
Article number:	111068
Registration number:	not applicable
Use:	Dye for Epoxy
Identified use:	none
Method of operation:	See product information.
Company:	Buehler GmbH In der Steele 2 D-40599 Düsseldorf (Germany/Allemagne)
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)
Responsible:	Simonavicius@chemiebuero.de

2 Hazards identification

Physico-chemical hazards:	See chapter 10.
Human health dangers:	No particular hazards known.
Environmental hazards:	The product/the substance has the Water Hazard Class 1.
Other hazards:	none
Hazard symbols:	
R-phrases:	none

3 Composition / Information on ingredients

C.I. Solvent Blue 35 (Anthraquinone-dye)	%
CAS: 17354-14-2, EINECS/ELINCS: 241-379-4, EU-INDEX: , ECBnr:	
not applicable	

4 First aid measures

General information:	none
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.
Advice to doctor:	Treat symptomatically.

5 Fire-fighting measures

Suitable extinguishing media:	Foam. Water spray jet.
Extinguishing media that must not be used:	Dry powder. Full water jet. Carbon dioxide.
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. Avoid dust formation.
Environmental precautions:	Do not discharge into the drains/surface waters/groundwater.
Methods for cleaning up:	Take up mechanically. Avoid raising dust. 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:	Take precautionary measures against static discharges. Dust can form an explosive mixture with air. Keep away from all sources of ignition.
Requirements for storage rooms and vessels:	Keep only in original container.
Advice on storage compatibility:	none
Further information on storage conditions:	Keep container tightly closed. Store in a dry place.

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:	Breathing apparatus in the event of high concentrations. Short term: filter apparatus, filter P1.
Hand protection:	Butyl rubber, >120 min (EN 374).
Eye protection:	Safety glasses.
Skin protection:	not applicable
General protective measures:	Avoid contact with eyes. Do not inhale dust.
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:	powder
Color:	dark blue
Odor:	odourless
pH-value:	not applicable
pH-value [1%]:	8,5-9,5 (10g/l, 20°C)
Boiling point [°C]:	not determined
Flash point [°C]:	not applicable
Flammability [°C]:	not applicable
Lower explosion limit:	not determined
Upper explosion limit:	not determined
Oxidizing properties:	no
Vapour pressure [kPa]:	not applicable
Density [g/ml]:	not determined
Density at [°C]:	
Bulk density [kg/m³]:	not determined
Solubility in water:	<1mg/l (20°C)
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]:	120-122
Autoignition temperature [°C]:	not determined
Decomposition temperature [°C]:	not determined

10 Stability and reactivity

Hazardous reactions:	Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.
Hazardous decomposition products:	No hazardous decomposition products known.

11 Toxicological information

Acute oral toxicity:	ca. 590mg/l 24hRat
Acute dermal toxicity:	not determined
Acute inhalational toxicity:	not determined
Irritant effect on eye:	Non-irritant (rabbit).
Irritant effect on skin:	Non-irritant (rabbit).
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:	none

**12 Ecological information**

Fish toxicity:	ca. 590mg/l 24hOncorhynchus mykiss
Daphnia toxicity:	not determinated
Behaviour in environment compartments:	not determinated
Behaviour in sewage plant:	not determinated
Bacteria toxicity:	>980 mg/l
Biological degradability:	Readily eliminable from water.
COD:	not determinated
BOD 5:	not determinated
AOX-advice:	No dangerous components.
2006/11/EC:	not applicable
General information:	The product is insoluble in water.

13 Disposal considerations

Disposal / Product:	For recycling, consult manufacturer.
Disposal / Contaminated packaging:	Untaminated packaging may be taken for recycling.
Waste no. (recommended):	080112

14 Transport information

Classification according to ADR:	no dangerous goods ,
- Classification Code:	
- ADR Limited Quantities:	
- Label:	
Classification according to IMDG:	not classified as "Dangerous Goods" - -
- IMDG Limited Quantities:	
- EMS:	
- Label:	
Classification according to IATA:	not classified as "Dangerous Goods"
- Label:	

15 Regulatory information

Exposure scenario:	not applicable
Chemical safety report:	not applicable
Labelling:	The product does not require a hazard warning label in accordance with EC-directives.
Hazard symbols:	
R-phrases:	none
S-phrases:	none
Special labelling:	none
Authorisation, TITEL VII:	not applicable
Restrictions, TITEL VIII:	not applicable
EEC-REGULATIONS:	1967/548 (2004/73, 29. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006.
TRANSPORT-REGULATIONS:	ADR (2007); IMDG-Code (33. Amdt.); IATA-DGR (2008).
NATIONAL REGULATIONS (GB)	EH40/2005 Workplace exposure limits with amendments October 2007.

16 Other informations

Modified position:	none
Observe employment restrictions for people:	no
VOC (1999/13/CE):	0%
Customs Tariff:	not determinated

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.