



### 1 Identification of the substance / preparation and of the company

**MetaDi Fluid (Dialub SW)**  
**Article number: 155001 / 155003**

<b>Use:</b>	Polishing agent
<b>Identified use:</b>	none
<b>Method of operation:</b>	See product information.
<b>Company:</b>	Buehler GmbH In der Steele 2 D-40599 Düsseldorf / GERMANY Phone: 0800 707 6273 Fax: 0800 707 6274 Homepage: <a href="http://www.buehler-met.de/en/">www.buehler-met.de/en/</a> E-mail: <a href="mailto:sales@buehler.co.uk">sales@buehler.co.uk</a>
<b>Emergency phone:</b>	0800 707 6273 (Only valid if dialled within the UK) +49 (0) 211 974100
<b>Responsible:</b>	Schroeder@chemiebuero.de

### 2 Hazards identification

<b>Physico-chemical hazards:</b>	No particular hazards known.
<b>Human health dangers:</b>	If swallowed or in the event of vomiting, risk of product entering the lungs.
<b>Environmental hazards:</b>	The product/the substance has the Water Hazard Class 1.
<b>Other hazards:</b>	none
<b>R-phrases:</b>	none

### 3 Composition / Information on ingredients

Range [%]	Substance
30 - 40	Propane-1,2-diol
	Registration: CAS: 57-55-6, EINECS/ELINCS: 200-338-0, EU-INDEX: , ECBnr:
	GHS/CLP:
	EEC:

<b>Comment on component parts:</b>	not applicable
<b>Substances of Very High Concern - SVHC:</b>	The product contains no substance which is named in the list SVHC (Candidate List of Substances of Very High Concern for authorization).

### 4 First aid measures

<b>General information:</b>	Change soaked clothing.
<b>Inhalation:</b>	Ensure supply of fresh air. In the event of symptoms seek for medical treatment.
<b>Skin contact:</b>	In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.
<b>Eye contact:</b>	In case of contact with eyes rinse thoroughly with water. In the event of symptoms seek for medical treatment.
<b>Ingestion:</b>	Seek medical advice immediately. Do not induce vomiting. Rinse out mouth and give plenty of water to drink.
<b>Advice to doctor:</b>	Treat symptomatically.

### 5 Fire-fighting measures

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

**6 Accidental release measures**

<b>Personal precautions:</b>	High risk of slipping due to leakage/spillage of product.
<b>Environmental precautions:</b>	Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater.
<b>Methods for cleaning up:</b>	Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth). Dispose of absorbed material in accordance within the regulations.

**7 Handling and storage**

<b>Advice on safe handling:</b>	Use only in well-ventilated areas.
<b>Advice on protection against fire and explosion:</b>	No special measures necessary.
<b>Requirements for storage rooms and vessels:</b>	Keep only in original container.
<b>Advice on storage compatibility:</b>	No special measures necessary.
<b>Further information on storage conditions:</b>	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)**

Range [%]	Substance / WEL: Workplace exposure limit
30 - 40	Propane-1,2-diol / 150ppm, 474mg/m <sup>3</sup> , vapour and particulates

<b>Respiratory protection:</b>	not applicable
<b>Hand protection:</b>	Butyl rubber, >120 min (EN 374). The details concerned are recommendations. Please contact the glove supplier for further information.
<b>Eye protection:</b>	Safety glasses.
<b>Skin protection:</b>	not applicable
<b>General protective measures:</b>	Avoid contact with eyes and skin. Do not inhale vapours.
<b>Hygiene measures:</b>	Wash hands before breaks and after work. Use barrier skin cream.
<b>Delimitation and monitoring of the environmental exposition:</b>	not determined

**9 Physical and chemical properties**

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



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**10 Stability and reactivity**

**Hazardous reactions:** Reactions with strong oxidizing agents.  
**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:** No dangerous components.  
**2006/11/EC:** not applicable  
**General information:** No classification on the basis of the calculation procedure of the preparation directive.

**13 Disposal considerations**

**Product:** Disposal in an incineration plant in accordance with the regulations of the local authorities.  
 Coordinate disposal with the authorities if necessary.  
**Contaminated packaging:** Uncontaminated packaging may be taken for recycling.  
**Waste no. (recommended):** 070699

**14 Transport information**

**Classification according to ADR:** NO DANGEROUS GOODS  
**- Classification Code:**  
**- ADR LQ**  
**- ADR 1.1.3.6 (8.6):** Transport category (tunnel restriction code): -  
**- Label:**

**Classification according to IMDG:** NOT CLASSIFIED AS "DANGEROUS GOODS"  
**- EMS**  
**- IMDG LQ:**  
**- Label:**

**Classification according to IATA:** NOT CLASSIFIED AS "DANGEROUS GOODS"  
**- Label:**



**15 Regulatory information**

<b>Exposure scenario:</b>	not applicable
<b>Chemical safety report:</b>	not applicable
<b>Labelling:</b>	The product does not require a hazard warning label in accordance with EC-directives.
<b>Hazard symbols:</b>	none
<b>R-phrases:</b>	none
<b>S-phrases:</b>	none
<b>Special labelling:</b>	Safety data sheet available for professional user on request.
<b>Authorisation, TITEL VII:</b>	not applicable
<b>Restrictions, TITEL VIII:</b>	not applicable
<b>EEC-REGULATIONS:</b>	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
<b>TRANSPORT-REGULATIONS:</b>	DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2010).
<b>NATIONAL REGULATIONS (GB)</b>	EH40/2005 Workplace exposure limits with amendments October 2007. CHIP 3/ CHIP 4

**16 Other informations**

<b>Observe employment restrictions for people:</b>	no
<b>VOC (1999/13/CE):</b>	35 %
<b>Customs Tariff:</b>	not determined

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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