



BE SURE. BUILD SURE.

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Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.06.2025

Version number 35


Revision: 07.06.2025

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

- **Product identifier**
- **Trade name** **MC-Montan Drive LB 02**
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Application of the substance / the mixture** soil conditioning
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** MC-Bauchemie Müller GmbH & Co. KG
Am Kruppwald 1-8
D-46238 Bottrop
Tel.: +49(0)2041-101-0
Fax.: +49(0)2041-101-400
E-Mail: info@mc-bauchemie.de

MC-Bauchemie AG
Hagackerstr. 10
CH-8953 Dietikon
Tel.: +44-7400510
Fax : +44-7400533
- **Informing department:** msds@mc-bauchemie.de

2 Hazards identification

- **Classification of the substance or mixture**
Acute Tox. 4 H302 Harmful if swallowed.
- **Label elements**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**

GHS07
- **Signal word** Warning
- **Hazard-determining components of labelling:** 2,2'-oxybisethanol
- **Hazard statements** H302 Harmful if swallowed.
- **Precautionary statements**
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330 Rinse mouth.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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· **vPvB:**

Not applicable.

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3 Composition/information on ingredients

· **Chemical characterisation: Mixtures**

· **Description:** Mixture consisting of the following components.

· **Dangerous components:**

CAS: 25322-68-3	Polyethylene glycol Acute Tox. 5, H303	60-80%
CAS: 37350-42-8	2-Propenoic acid, sodium salt (1:1), polymer with sodium 2-methyl-2-[(1-oxo-2-propen-1-yl)amino]-1-propanesulfonate (1:1) Acute Tox. 5, H303; Acute Tox. 5, H313	10-30%
CAS: 111-46-6	2,2'-oxybisethanol STOT RE 2, H373; Acute Tox. 4, H302	<1.5%

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

· **Description of first aid measures**

· **General information**

No special measures required.

· **After inhalation**

Supply fresh air; consult doctor in case of symptoms.

· **After skin contact**

The product is not skin irritating.

· **After eye contact**

Rinse opened eye for several minutes under running water.

· **After swallowing**

In case of persistent symptoms consult doctor.

5 Firefighting measures

· **Extinguishing media**

· **Suitable extinguishing agents** CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

· **Special hazards arising from the substance or mixture**

No further relevant information available.

· **Advice for firefighters**

· **Protective equipment:**

No special measures required.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

Not required.

· **Environmental precautions:**

No special measures required.

· **Methods and material for**

containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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- **Reference to other sections** See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Storage class** 12

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters**

- **Components with critical values that require monitoring at the workplace:**

CAS: 25322-68-3 Polyethylene glycol

WEEL (USA)	Long-term value: 10 mg/m ³ (H); MW>200
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CAS: 111-46-6 2,2'-oxybisethanol

WEEL (USA)	Long-term value: 10 mg/m ³
WEL (Great Britain)	Long-term value: 101 mg/m ³ , 23 ppm

- **DNELs**

CAS: 111-46-6 2,2'-oxybisethanol

Dermal	DNEL	106 mg/kg bw/day (ArL)
Inhalative	DNEL	60 mg/m ³ (ArL)

- **PNECs**

CAS: 111-46-6 2,2'-oxybisethanol

PNEC	199.5 mg/l (Sewage Treatment Plant)
	10 mg/l (Fresh water)
	1 mg/l (Marine)
PNEC	1.53 mg/kg dwt (Bod)
	20.9 mg/kg dwt (Fresh water sediment)

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- **Additional information:** *The lists that were valid during the compilation were used as basis.*
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** *The usual precautionary measures should be adhered to in handling the chemicals.*
- **Breathing equipment:** *Not required.*
- **Protection of hands:** *Not required.*
- **Material of gloves** *-*
- **Penetration time of glove material** *-*
- **Eye protection:** *Not required.*
- **Body protection:** *Impervious protective clothing*

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - Form:** *Fluid*
 - Colour:** *Yellow*
 - Smell:** *Characteristic*
 - Odour threshold:** *Not determined.*
- **pH-value:** *Not determined.*
- **Change in condition**
 - Melting point/freezing point:** *Not determined*
 - Initial boiling point and boiling range:** *Not determined*
- **Flash point:** *Not applicable*
- **Inflammability (solid, gaseous)** *Not applicable.*
- **Decomposition temperature:** *Not determined.*
- **Self-inflammability:** *Product is not selfigniting.*
- **Explosive properties:** *Product is not explosive.*
- **Critical values for explosion:**
 - Lower:** *Not determined.*
 - Upper:** *Not determined.*
- **Steam pressure at 20 °C:** *>0 hPa*
- **Density at 20 °C** *1.2 g/cm³*
- **Relative density** *Not determined.*
- **Vapour density** *Not determined.*
- **Evaporation rate** *Not determined.*

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- | | |
|--|--|
| · Solubility in / Miscibility with Water: | Not miscible or difficult to mix |
| · Partition coefficient: n-octanol/water: | Not determined. |
| · Viscosity: | |
| dynamic at 20 °C: | <100 mPas |
| kinematic: | Not determined. |
| · Other information | No further relevant information available. |

10 Stability and reactivity

- | | |
|--|---|
| · Reactivity | No further relevant information available. |
| · Chemical stability | |
| · Thermal decomposition / conditions to be avoided: | No decomposition if used according to specifications. |
| · Possibility of hazardous reactions | No dangerous reactions known |
| · Conditions to avoid | No further relevant information available. |
| · Incompatible materials: | No further relevant information available. |
| · Hazardous decomposition products: | No dangerous decomposition products known |

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

· **LD/LC50 values that are relevant for classification:**

CAS: 25322-68-3 Polyethylene glycol

Oral	LD50	>4000 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)

CAS: 37350-42-8 2-Propenoic acid, sodium salt (1:1), polymer with sodium 2-methyl-2-[(1-oxo-2-propen-1-yl)amino]-1-propanesulfonate (1:1)

Oral	LD50	>2000 mg/kg
Dermal	LD50	>2000 mg/kg

CAS: 111-46-6 2,2'-oxybisethanol

Oral	LD50	50 mg/kg (rat)
	NOAEL	3060 mg/kg (mouse)
Dermal	LD50	11890 mg/kg (rabbit)
Inhalative	LC50/4 h	>5.08 mg/l (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** No irritant effect.
- **Serious eye damage/irritation** No irritant effect.

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- **Respiratory or skin sensitisation**
- **Additional toxicological information:**

No sensitizing effect known.

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

CAS: 25322-68-3 Polyethylene glycol

IC50	>5000 mg/l (Bak)
LC50/96h	>1000 mg/l (Pimephales promelas)
EC50	>1000 mg/l (Bak)
LC50/48h	>100 mg/l (Daphnia magna)
	>10000 mg/l (Leucidus idus)

CAS: 111-46-6 2,2'-oxybisethanol

IC50	>1000 mg/l (Bak)
EC50/24h	>10000 mg/l (Daphnien)
LC50/96h	75200 mg/l (fish)
NOEC	8590 mg/l (Daphnien)

- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow product to reach ground water, water bodies or sewage system.
Danger to drinking water if even small quantities leak into soil.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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· **Uncleaned packagings:**

· **Recommendation:**

Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**

· **ADR, ADN, IMDG, IATA**

Void

· **UN proper shipping name**

· **ADR, ADN, IMDG, IATA**

Void

· **Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**

· **Class**

Void

· **Packing group**

· **ADR, IMDG, IATA**

Void

· **Environmental hazards:**

· **Marine pollutant:**

No

· **Special precautions for user**

Not applicable.

· **Transport in bulk according to Annex II of
Marpol and the IBC Code**

Not applicable.

· **Transport/Additional information:**

Not dangerous according to the above specifications.

· **UN "Model Regulation":**

Void

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Directive 2012/18/EU**

· **Named dangerous**

substances - ANNEX I

None of the ingredients is listed.

· **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing data**

specification sheet:

Environment protection department.

· **Contact:**

· **Abbreviations and acronyms:** *ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)*

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IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 5: Acute toxicity – Category 5
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

· * **Data compared to the
previous version altered.**

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