



BE SURE. BUILD SURE.

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Safety data sheet according to 1907/2006/EC, Article 31

Printing date 30.11.2021

Version number 3

Revision: 19.10.2021

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

- **Product identifier**
- **Trade name** MC-Montan Drive DF
- **Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- **Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category** PC0 Other
- **Application of the substance / the mixture** Waste water defoamer
- **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
- **Informing department:** MC-Bauchemie AG
Hagackerstr. 10
CH-8953 Dietikon
Tel.: +44-7400510
Fax : +44-7400533
- **Emergency telephone number:** msds@mc-bauchemie.de

Tel.: +49 / (0)700 24112112 (MCR)
Tel.: +48612864565

2 Hazards identification

- **Classification of the substance or mixture** The product is not classified, according to the Globally Harmonised System (GHS).
-
- **Label elements**
 - **GHS label elements** Void
 - **Hazard pictograms** Void
 - **Signal word** Void
 - **Hazard statements** Void
 - **Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

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3 Composition/information on ingredients

- **Chemical characterisation:** *Mixtures*
- **Description:** *Mixture of the substances listed below with harmless additions.*

· **Dangerous components:**

7631-86-9	silicon dioxide, chemically prepared	Acute Tox. 5, H313	<25%
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4 First aid measures

- **Description of first aid measures**
- **General information** *No special measures required.*
- **After inhalation** *Void*
- **After skin contact** *The product is not skin irritating.*
- **After eye contact** *Rinse opened eye for several minutes under running water.*
- **After swallowing** *Rinse out mouth and then drink plenty of water.*
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed** *No further relevant information available.*
- **Indication of any immediate medical attention and special treatment needed** *No further relevant information available.*

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents** *Use fire fighting measures that suit the environment.*
- **For safety reasons unsuitable extinguishing agents** *Water.*
- **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).*
- **Reference to other sections** *No dangerous materials are released.
See Section 7 for information on safe handling*

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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** 10
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with critical values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· DNELs

7631-86-9 silicon dioxide, chemically prepared

Inhalative DNEL 4 mg/m³ (ArL)

- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material** Penetration: ≥ 480 min
- **Eye protection:** Safety glasses

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· **Body protection:** *Impervious protective clothing*

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9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:	Liquid
Colour:	Yellow
Smell:	Recognisable
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:** *> 200 °C*

· **Inflammability (solid, gaseous)** *Not applicable.*

· **Decomposition temperature:** *Not determined.*

· **Self-inflammability:** *Not determined.*

· **Explosive properties:** *Product is not explosive.*

· **Critical values for explosion:**

Lower:	Not determined.
Upper:	Not determined.

· **Steam pressure:** *Not determined.*

· **Density at 20 °C** *0.92 g/cm³*

· **Solubility in / Miscibility with**

Water:	Not miscible or difficult to mix
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· **Viscosity:**

dynamic:	Not determined.
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.

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- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide

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11 Toxicological information

- **Information on toxicological effects**
 - **Acute toxicity**
 - **LD/LC50 values that are relevant for classification:**
- | 7631-86-9 silicon dioxide, chemically prepared | | |
|--|------|----------------------|
| Oral | LD50 | >5000 mg/kg (rat) |
| Dermal | LD50 | >2000 mg/kg (rabbit) |
- **Primary irritant effect:**
 - **Skin corrosion/irritation** No irritant effect.
 - **Serious eye damage/irritation** No irritant effect.
 - **Respiratory or skin sensitisation** No sensitizing effect known.

12 Ecological information

- **Toxicity**
 - **Aquatic toxicity:**
- | 7631-86-9 silicon dioxide, chemically prepared | |
|--|--------------------------------------|
| IC50/72h | 440 mg/l (Selenastrum capricornutum) |
| EC50/24h | >10000 mg/l (Daphnia magna) |
| LC50/96h | >5000 mg/l (Danio rerio) |
| | 5000 mg/l (Brachydanio rerio) |
| EC50/48h | 7600 mg/l (Ceriodaphnia dubia) |
| | 120 mg/l (Selenastrum capricornutum) |
| NOEC | 60 mg/l (Selenastrum capricornutum) |
- **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.
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
 - **Other adverse effects** No further relevant information available.

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** *Must not be disposed of together with household garbage. Do not allow product to reach sewage system.*
- **Uncleaned packagings:**
- **Recommendation:** *Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.*

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.*

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16 Other information

- **Department issuing data specification sheet:** Environment protection department.
- **Contact:**
- **Abbreviations and acronyms:**
 - RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 - ICAO: International Civil Aviation Organisation
 - ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
 - 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)
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent
 - PBT: Persistent, Bioaccumulative and Toxic
 - vPvB: very Persistent and very Bioaccumulative
 - Acute Tox. 5: Acute toxicity – Category 5

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