



BE SURE. BUILD SURE.

Page 1/10

## Safety data sheet according to UK REACH

Printing date 25.04.2025

Version number 29 (replaces version 28)

Revision: 25.04.2025

### SECTION 1: Identification of the substance/mixture and of the company/ undertaking

· **1.1 Product identifier**

· **Trade name** **Donnitil Cleaner 91**

· **1.2 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**

Cleaning agent/ Cleaner

· **1.3 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

· **1.4 Emergency telephone number:**

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

Tel.: +1 872 5888271 (MCR)

### SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

Skin Corr. 1A H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

· **2.2 Label elements**

· **Labelling according to**

**Regulation (EC) No 1272/2008** The product is classified and labelled according to the GB CLP regulation.

· **Hazard pictograms**



GHS05

· **Signal word**

Danger

· **Hazard-determining components of labelling:**

Sulphonic acids, C14-16 alkane hydroxy and C14-16 alkene, sodium salts

· **Hazard statements**

H314 Causes severe skin burns and eye damage.

(Contd. on page 2)



BE SURE. BUILD SURE.

## Safety data sheet according to UK REACH

Printing date 25.04.2025

Version number 29 (replaces version 28)

Revision: 25.04.2025

**Trade name Donnitil Cleaner 91**

(Contd. of page 1)

- **Precautionary statements**
  - P260 Do not breathe dusts or mists.
  - P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
  - P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
  - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P310 Immediately call a POISON CENTER/doctor.
  - P321 Specific treatment (see on this label).
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.1 Substances**
- **Identification number(s):** void
- **3.2 Mixtures**
- **Description:** Mixture consisting of the following components.

· **Dangerous components:**

CAS: 5329-14-6 EINECS: 226-218-8	<i>sulphamidic acid</i> Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Chronic 3, H412	$\geq 10$ -<25%
CAS: 68439-57-6 EINECS: 270-407-8 Reg.nr.: 01-2119513401-0001	<i>Sulphonic acids, C14-16 alkane hydroxy and C14-16 alkene, sodium salts</i> Eye Dam. 1, H318; Skin Irrit. 2, H315 Specific concentration limits: Skin Irrit. 2; H315: C $\geq$ 5% Eye Dam. 1; H318: C $\geq$ 38 % Eye Irrit. 2; H319: 5 % $\leq$ C < 38 %	<1.5%

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

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** For all first aid measures: observe self-protection and consult a doctor!
- **After inhalation** Take the person out into the fresh air.
- **After skin contact** Remove contaminated clothing immediately.  
Hold affected areas under cold running water for at least 15 minutes.
- **After eye contact** Rinse for 10 minutes under running water with the eyelids open or use eye rinsing solution. Always consult an ophthalmologist!

(Contd. on page 3)



BE SURE. BUILD SURE.

## Safety data sheet according to UK REACH

Printing date 25.04.2025

Version number 29 (replaces version 28)

Revision: 25.04.2025

**Trade name Donnitil Cleaner 91**

· **After swallowing**

*Drink plenty of water in small sips.  
Do not induce vomiting.*

(Contd. of page 2)

### SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents** *Use fire fighting measures that suit the environment.*

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

*No further relevant information available.*

· **5.3 Advice for firefighters**

· **Protective equipment:**

*No special measures required.*

### SECTION 6: Accidental release measures

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

*Wear protective equipment. Keep unprotected persons away.*

· **6.2 Environmental precautions:**

*Dilute with much water.*

· **6.3 Methods and material for containment and cleaning up:**

*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Use neutralising agent.  
Dispose of contaminated material as waste according to item 13.  
Ensure adequate ventilation.*

· **6.4 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.*

### SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**

*Avoid splashing.  
Avoid dust development with powder products.  
Limit the storage quantity at the workplace to one shift requirement.  
Do not leave containers open.  
Provide washing facilities in the work area.  
Provide an eye shower or eyewash bottle.*

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage**

· **Requirements to be met by storerooms and containers:**

*Avoid splashing.  
Avoid dust development with powder products.  
Limit the storage quantity at the workplace to one shift*

(Contd. on page 4)



BE SURE. BUILD SURE.

### Safety data sheet according to UK REACH

Printing date 25.04.2025

Version number 29 (replaces version 28)

Revision: 25.04.2025

**Trade name Donnitil Cleaner 91**

(Contd. of page 3)

requirement.

Do not leave containers open.

Provide washing facilities in the work area.

Provide an eye shower or eyewash bottle.

**Information about storage in one common storage facility:**

Combined storage bans apply from a total storage quantity of 200 kg.

Do not store together with substances of the following LGK: 1; 5.1A; 5.2; 6.2; 7

Storage with substances of the following LGK is only possible under the conditions specified in TRGS 510: 4.1A; 4.2; 4.3; 5.1C

**Further information about storage conditions:**

None.

**Storage class**

8B

## SECTION 8: Exposure controls/personal protection

**8.1 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**

**CAS: 5329-14-6 sulphamidic acid**

Dermal DNEL 10 mg/kg bw/day (ArL)

**CAS: 68439-57-6 Sulphonic acids, C14-16 alkane hydroxy and C14-16 alkene, sodium salts**

Oral DNEL 12.95 mg/kg bw/Tag (ArL)

Dermal DNEL 2158.33 mg/kg bw/day (ArL)

Inhalative DNEL 152.22 mg/m<sup>3</sup> (ArL)

**PNECs**

**CAS: 5329-14-6 sulphamidic acid**

PNEC 2 mg/l (Sewage Treatment Plant)

0.0048 mg/l (Mew)

0.048 mg/l (Freshwater)

PNEC 0.00638 mg/kg dwt (Bod)

0.173 mg/kg dwt (Fresh water sediment)

**Additional information:**

The lists that were valid during the compilation were used as basis.

**8.2 Exposure controls**

**Appropriate engineering controls**

No further data; see section 7.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures**

Do not store any foodstuffs or eat, drink, snuff or smoke in the work area!

Avoid contact with eyes, skin and clothing!

(Contd. on page 5)



BE SURE. BUILD SURE.

### Safety data sheet according to UK REACH

Printing date 25.04.2025

Version number 29 (replaces version 28)

Revision: 25.04.2025

**Trade name Donnitil Cleaner 91**

(Contd. of page 4)

- **Breathing equipment:** Clean hands thoroughly after work and before cleaning!  
Use skin care products after work (moisturising cream).  
Change wet/uncleaned clothing immediately, place in water and only use again after cleaning!
- **Hand protection** If the limit value is exceeded:  
Combination filter A-P2 (brown/white).  
Gloves made of: Natural latex, polychloroprene, nitrile rubber.  
(Category 3 chemical protective gloves, recognisable by the CE mark with four-digit test number).  
When wearing protective gloves, cotton undergloves are recommended.
- **Material of gloves** see "Hand protection"
- **Penetration time of glove material** The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.
- **Eye/face protection** Gauze goggles
- **Body protection:** Alkali-resistant protective clothing
- **Skin protection** Use greasy skin protection ointment for all uncovered parts of the body!

## SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Physical state** Liquid
- **Colour:** Colourless
- **Smell:** Characteristic
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** Not determined
- **Boiling point or initial boiling point and boiling range** 100 °C (CAS: 7732-18-5 Water)
- **Flammability** Not applicable.
- **Lower and upper explosion limit**
- **Lower:** Not determined.
- **Upper:** Not determined.
- **Flash point:** Not applicable
- **Decomposition temperature:** Not determined.
- **pH at 20 °C** 0.3
- **Viscosity:**
- **Kinematic viscosity** Not determined.
- **dynamic:** Not determined.
- **Solubility**
- **Water:** Fully miscible
- **Partition coefficient n-octanol/water (log value)** Not determined.
- **Steam pressure at 20 °C:** 23 hPa (CAS: 7732-18-5 Water)

(Contd. on page 6)



BE SURE. BUILD SURE.

### Safety data sheet according to UK REACH

Printing date 25.04.2025

Version number 29 (replaces version 28)

Revision: 25.04.2025

Trade name **Donnitil Cleaner 91**

(Contd. of page 5)

- **Density and/or relative density**
- **Density at 20 °C** 1.07 g/cm<sup>3</sup>
- **Relative density** Not determined.
- **Vapour density** Not determined.

- **9.2 Other information**
- **Appearance:**
- **Form:** Fluid
- **Important information on protection of health and environment, and on safety.**
- **Self-inflammability:** Product is not selfigniting.
- **Explosive properties:** Product is not explosive.
- **Change in condition**
- **Evaporation rate** Not determined.

- **Information with regard to physical hazard classes**
- **Explosives** Void
- **Flammable gases** Void
- **Aerosols** Void
- **Oxidising gases** Void
- **Gases under pressure** Void
- **Flammable liquids** Void
- **Flammable solids** Void
- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable gases in contact with water** Void
- **Oxidising liquids** Void
- **Oxidising solids** Void
- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

#### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** stable
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.

(Contd. on page 7)



BE SURE. BUILD SURE.

**Safety data sheet  
according to UK REACH**

Printing date 25.04.2025

Version number 29 (replaces version 28)

Revision: 25.04.2025

**Trade name Donnitil Cleaner 91**

(Contd. of page 6)

- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

**SECTION 11: Toxicological information**

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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

**CAS: 5329-14-6 sulphamidic acid**

Oral	LD50	3160 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)

**CAS: 68439-57-6 Sulphonic acids, C14-16 alkane hydroxy and C14-16 alkene, sodium salts**

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	6300 mg/kg (rabbit)
Inhalative	LC50/4 h	52 mg/l (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Causes severe skin burns and eye damage.
- **Serious eye damage/irritation** Causes serious eye damage.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information**

- **12.1 Toxicity**

- **Aquatic toxicity:**

**CAS: 5329-14-6 sulphamidic acid**

LC50/24h	71.6 mg/l (Daphnia magna)
LC50/96h	70.3 mg/l (Pimephales promelas)
ErC50/72h	48 mg/l (algae)

**CAS: 68439-57-6 Sulphonic acids, C14-16 alkane hydroxy and C14-16 alkene, sodium salts**

IC50/72h	230 mg/l (BEL)
LC50/96h	4.2 mg/l (Danio rerio)
	1-10 mg/l (Brachydanio rerio)
EC50/48h	4.5 mg/l (Ceriodaphnia dubia)
NOEC	3.2 mg/l (Ske)
	6.7 mg/l (Daphnia magna)
ErC50/72h	5.2 mg/l (Ske)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.

(Contd. on page 8)



BE SURE. BUILD SURE.

### Safety data sheet according to UK REACH

Printing date 25.04.2025

Version number 29 (replaces version 28)

Revision: 25.04.2025

**Trade name Donnitil Cleaner 91**

(Contd. of page 7)

- **12.4 Mobility in soil** *No further relevant information available.*
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*
- **12.6 Endocrine disrupting properties** *The product does not contain substances with endocrine disrupting properties.*
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** *Rinse off of bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous. Must not reach sewage water or drainage ditch undiluted or unneutralised.  
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.*

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** *Must not be disposed of together with household garbage. Do not allow product to reach sewage system.*
- **Uncleaned packagings:**
- **Recommendation:** *Disposal must be made according to official regulations.*
- **Recommended cleaning agent:** *Water, if necessary with cleaning agent.*

### SECTION 14: Transport information

- |  |   |
|--|---|
| · <b>14.1 UN number or ID number</b>     |   |
| · <b>ADR, IMDG, IATA</b>                 | UN1760                                    |
| · <b>14.2 UN proper shipping name</b>    |   |
| · <b>ADR, IMDG, IATA</b>                 | CORROSIVE LIQUID, N.O.S. (SULPHAMIC ACID) |
| · <b>14.3 Transport hazard class(es)</b> |   |
| · <b>ADR</b>                             |   |
| · <b>Class</b>                           | 8 (C9) Corrosive substances.              |
| · <b>Label</b>                           | 8   |
| · <b>IMDG, IATA</b>                      |   |
| · <b>Class</b>                           | 8 Corrosive substances.                   |
| · <b>Label</b>                           | 8   |

(Contd. on page 9)





BE SURE. BUILD SURE.

### Safety data sheet according to UK REACH

Printing date 25.04.2025

Version number 29 (replaces version 28)

Revision: 25.04.2025

**Trade name Donnitil Cleaner 91**

(Contd. of page 8)

· <b>14.4 Packing group</b> · <b>ADR, IMDG, IATA</b>	III
· <b>14.5 Environmental hazards:</b> · <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b> · <b>Kemler Number:</b> · <b>EMS Number:</b> · <b>Stowage Category</b> · <b>Stowage Code</b>	Warning: Corrosive substances. 80 F-A, S-B A SW2 Clear of living quarters.
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b> · <b>Limited quantities (LQ)</b> · <b>Excepted quantities (EQ)</b>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>Transport category</b> · <b>Tunnel restriction code</b>	3 E
· <b>IMDG</b> · <b>Limited quantities (LQ)</b> · <b>Excepted quantities (EQ)</b>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>UN "Model Regulation":</b>	UN 1760 CORROSIVE LIQUID, N.O.S. (SULPHAMIC ACID), 8, III

#### SECTION 15: Regulatory information

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

· **Poisons Act**

· **Regulated explosives precursors**

None of the ingredients is listed.

· **Regulated poisons**

None of the ingredients is listed.

· **Reportable explosives precursors**

None of the ingredients is listed.

(Contd. on page 10)



BE SURE. BUILD SURE.

### Safety data sheet according to UK REACH

Printing date 25.04.2025

Version number 29 (replaces version 28)

Revision: 25.04.2025

**Trade name Donnitil Cleaner 91**

(Contd. of page 9)

**· Reportable poisons**

None of the ingredients is listed.

**· Directive 2012/18/EU**

**· Named dangerous substances - ANNEX I**

None of the ingredients is listed.

**· 15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

#### SECTION 16: Other information

**· Relevant phrases**

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

**· 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  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
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 (UK REACH)  
PNEC: Predicted No-Effect Concentration (UK REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Skin Corr. 1A: Skin corrosion/irritation – Category 1A  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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