



BE SURE. BUILD SURE.

Page 1/10

## Safety Data Sheet according to P.U.(A) 310/2013

Printing date 11.04.2025

Version number 44

Revision: 11.04.2025




### 1 Identification of the hazardous chemical and of the supplier

- **Product identifier**
- **Trade name** MC-Cleaner G
- **Recommended use of the chemical and restrictions on use** *No further relevant information available.*
- **Application of the substance / the mixture** *Paint remover*
- **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 Hazard identification

- **Classification of the substance or mixture**

<i>Flam. Liq. 3</i>	<i>H226</i>	<i>Flammable liquid and vapour.</i>
<i>Skin Irrit. 2</i>	<i>H315</i>	<i>Causes skin irritation.</i>
<i>Eye Irrit. 2</i>	<i>H319</i>	<i>Causes serious eye irritation.</i>
<i>Skin Sens. 1</i>	<i>H317</i>	<i>May cause allergic skin reaction.</i>
<i>STOT SE 3</i>	<i>H335-H336</i>	<i>May cause respiratory irritation. May cause drowsiness or dizziness.</i>
<i>Aquatic Chronic 2</i>	<i>H411</i>	<i>Toxic to aquatic life with long lasting effects.</i>
- **Label elements**
- **GHS label elements** *The product is classified and labelled according to the Globally Harmonised System (GHS).*
- **Hazard pictograms**

		
<i>GHS02</i>	<i>GHS07</i>	<i>GHS09</i>
- **Signal word** *Warning*
- **Hazard-determining components of labelling:** *Orange juice oil  
Solvent naphtha (petroleum), light, aromatic  
H226 Flammable liquid and vapour.*
- **Hazard statements**

(Contd. on page 2)

MY



BE SURE. BUILD SURE.

### Safety Data Sheet according to P.U.(A) 310/2013

Printing date 11.04.2025

Version number 44

Revision: 11.04.2025

Trade name MC-Cleaner G

(Contd. of page 1)

- **Precautionary statements**
  - H315 Causes skin irritation.
  - H319 Causes serious eye irritation.
  - H317 May cause allergic skin reaction.
  - H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.
  - H411 Toxic to aquatic life with long lasting effects.
  - P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking.
  - P241 Use explosion-proof electrical/ ventilating/ lighting equipment.
  - P261 Avoid breathing dust/fume/ gas/mist/vapours/ spray.
  - P303+P361+P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/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.
  - P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition and information of the ingredients of the hazardous chemical

- **Chemical characterisation: Mixtures**
- **Description:** Mixture consisting of the following components.

· **Dangerous components:**

CAS: 64742-95-6	Solvent naphtha (petroleum), light, aromatic Flam. Liq. 3, H226; Asp. Haz., H304; Aquatic Chronic 2, H411; STOT SE 3, H335-H336	30-60%
CAS: 8028-48-6	Orange juice oil Flam. Liq. 3, H226; Asp. Haz., H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	≥10-<25%
CAS: 108-32-7	Propylene carbonate Eye Irrit. 2, H319	10-30%
CAS: 56539-66-3	3-Methoxy-3-methyl-1-butanol Eye Irrit. 2, H319	10-30%
CAS: 108-65-6	2-Methoxy-1-methyl ethyl acetate Flam. Liq. 3, H226; STOT SE 3, H336	<10%

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



BE SURE. BUILD SURE.

## Safety Data Sheet according to P.U.(A) 310/2013

Printing date 11.04.2025

Version number 44

Revision: 11.04.2025

Trade name MC-Cleaner G

(Contd. of page 2)

### 4 First-aid measures

· **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 heavily soiled clothing.

Clean with plenty of water.

Do not use thinner or similar.

· **After eye contact**

Rinse for 10 minutes under running water with the eyelids open or use eye rinsing solution. Always consult an ophthalmologist!

· **After swallowing**

Do not induce vomiting.

Drink plenty of water in small sips.

### 5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

· **For safety reasons unsuitable extinguishing agents**

Water.

Water with a full water jet.

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

Formation of poisonous gases during heating or in fires.

· **Advice for firefighters**

· **Protective equipment:**

Put on breathing apparatus.

### 6 Accidental release measures

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

Put on breathing apparatus.

Wear protective equipment. Keep unprotected persons away.

· **Environmental precautions:**

Inform respective authorities in case product reaches water or sewage system.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

· **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** Ensure good ventilation/exhaustion at the workplace.

(Contd. on page 4)



BE SURE. BUILD SURE.

### Safety Data Sheet according to P.U.(A) 310/2013

Printing date 11.04.2025

Version number 44

Revision: 11.04.2025

**Trade name MC-Cleaner G**

(Contd. of page 3)

Open and handle container with care.

· **Information about protection**

**against explosions and fires:**

Keep ignition sources away - Do not smoke.

Protect from heat.

Protect against electrostatic charges.

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

· **Storage**

· **Requirements to be met by**

**storerooms and containers:**

Protect containers from frost!

Only store in the original container or in containers recommended by the manufacturer.

After decanting, label containers as original containers.

Do not store in break rooms, recreation rooms or sanitary facilities as well as in stairwells, corridors, escape and rescue routes, passages, passageways and confined spaces.

· **Further information about**

**storage conditions:**

Keep container tightly closed in a well-ventilated place.

· **Storage class**

3

## 8 Exposure controls and 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:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs**

**CAS: 8028-48-6 Orange juice oil**

Oral DNEL 4.44 mg/kg bw/Tag (ArL)

Dermal DNEL 8.89 mg/kg bw/day (ArL)

Inhalative DNEL 31.1 mg/m<sup>3</sup> (ArL)

**CAS: 108-65-6 2-Methoxy-1-methyl ethyl acetate**

Dermal DNEL 153.5 mg/kg bw/day (ArL)

Inhalative DNEL 275 mg/m<sup>3</sup> (ArL)

· **PNECs**

**CAS: 108-65-6 2-Methoxy-1-methyl ethyl acetate**

PNEC 0.635 mg/l (Fresh water)

100 mg/l (Kla)

0.0635 mg/l (Mew)

PNEC 0.29 mg/kg dwt (Bod)

0.329 mg/kg dwt (Marine water sediment)

3.29 mg/kg dwt (Fresh water sediment)

(Contd. on page 5)



BE SURE. BUILD SURE.

### Safety Data Sheet according to P.U.(A) 310/2013

Printing date 11.04.2025

Version number 44

Revision: 11.04.2025

**Trade name MC-Cleaner G**

(Contd. of page 4)

- **Additional information:** *The lists that were valid during the compilation were used as basis.*
- **Exposure controls**
- **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 and skin!*
  - Preventively apply skin protection ointment to facilitate skin cleansing.*
  - Remove product residues from the skin!*
  - Clean hands thoroughly at the end of work and before cleaning!*
  - Remove product residues from the skin with a suitable cleaning agent - never use solvents or thinners to clean the skin!*
  - Use skin care products after work (moisturising cream).*
- **Breathing equipment:** *For spraying processes:  
Particle filter P2 (white)*
- **Protection of hands:** *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** *Natural latex, polychloroprene, nitrile rubber.*
- **Penetration time of glove material** *The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.*
- **Eye protection:** *Frame glasses*
- **Body protection:** *Protective work clothing.*

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
  - Form:** *Pasty*
  - Colour:** *Colourless*
  - Smell:** *Characteristic*
- **pH-value:** *Not determined.*
- **Change in condition**
  - Melting point/freezing point** *Not determined*
  - Initial boiling point and boiling range** *36 °C*
- **Flash point:** *47 °C*
- **Auto-ignition temperature** *270 °C*
- **Ignition temperature:** *Product is not selfigniting.*

(Contd. on page 6)



BE SURE. BUILD SURE.

## Safety Data Sheet according to P.U.(A) 310/2013

Printing date 11.04.2025

Version number 44

Revision: 11.04.2025

**Trade name MC-Cleaner G**

(Contd. of page 5)

· <b>Explosive properties:</b>	<i>Product is not explosive. However, formation of explosive air/steam mixtures is possible.</i>
· <b>Critical values for explosion:</b>	
<b>Lower:</b>	0.7 Vol %
<b>Upper:</b>	6.1 Vol %
· <b>Steam pressure at 20 °C:</b>	2.5 hPa
· <b>Density at 20 °C</b>	0.98 g/cm <sup>3</sup>
· <b>Solubility in / Miscibility with Water:</b>	<i>Not miscible or difficult to mix</i>
· <b>Viscosity:</b>	
<b>dynamic at 20 °C:</b>	10000 mPas
<b>kinematic:</b>	<i>Not determined.</i>
· <b>Other information</b>	<i>No further relevant information available.</i>

### 10 Stability and reactivity

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

### 11 Toxicological information

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

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

**CAS: 8028-48-6 Orange juice oil**

Oral	LD50	>4400 mg/kg (rat)
------	------	-------------------

Dermal	LD50	>2000 mg/kg (rabbit)
--------	------	----------------------

**CAS: 108-32-7 Propylene carbonate**

Oral	LD50	>5000 mg/kg (rat)
------	------	-------------------

Dermal	LD50	>2000 mg/kg (rabbit)
--------	------	----------------------

**CAS: 108-65-6 2-Methoxy-1-methyl ethyl acetate**

Oral	LD50	8500 mg/kg (rat)
------	------	------------------

(Contd. on page 7)



BE SURE. BUILD SURE.

### Safety Data Sheet according to P.U.(A) 310/2013

Printing date 11.04.2025

Version number 44

Revision: 11.04.2025

**Trade name MC-Cleaner G**

(Contd. of page 6)

Dermal LD50 >2000 mg/kg (rat)

**Primary irritant effect:**

· **Skin corrosion or irritation** Irritant for skin and mucous membranes.

· **Serious eye damage or eye irritation** No irritant effect.

· **Respiratory / skin sensitization** No sensitizing effect known.

· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:  
Irritant

## 12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

**CAS: 108-65-6 2-Methoxy-1-methyl ethyl acetate**

LC50/96h	134 mg/l (Oncorhynchus mykiss)
	161 mg/l (Pimephales promelas)
EC50	>1000 mg/l (BEL)
EC50/48h	>500 mg/l (Daphnia magna)
NOEC	47.5 mg/l (Ory)
EC50/3d	>1000 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.

· **Ecotoxicological effects:**

· **Remark:** Toxic for fish

· **Additional ecological information:**

· **General notes:** Also poisonous for fish and plankton in water bodies.  
Toxic for aquatic organisms  
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.

MY

(Contd. on page 8)





BE SURE. BUILD SURE.

### Safety Data Sheet according to P.U.(A) 310/2013

Printing date 11.04.2025

Version number 44

Revision: 11.04.2025

Trade name MC-Cleaner G

(Contd. of page 7)

#### 13 Disposal information

- **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.*

#### 14 Transportation information

· <b>UN-Number</b>	
· <b>ADR, IMDG, IATA</b>	UN1993
· <b>UN proper shipping name</b>	
· <b>ADR</b>	FLAMMABLE LIQUID, N.O.S. (Terpene, 2-Methoxy-1-methyl ethyl acetate), ENVIRONMENTALLY HAZARDOUS
· <b>IMDG</b>	FLAMMABLE LIQUID, N.O.S. (Orange juice oil, 2-Methoxy-1-methyl ethyl acetate), MARINE POLLUTANT
· <b>IATA</b>	FLAMMABLE LIQUID, N.O.S. (Orange juice oil, 2-Methoxy-1-methyl ethyl acetate)
· <b>Transport hazard class(es)</b>	
· <b>ADR</b>	
· <b>Class</b>	3 (F1) Flammable liquids.
· <b>Label</b>	3
· <b>IMDG, IATA</b>	
· <b>Class</b>	3 Flammable liquids.
· <b>Label</b>	3
· <b>Packing group</b>	
· <b>ADR, IMDG, IATA</b>	III
· <b>Environmental hazards:</b>	<i>Product contains environmentally hazardous substances: Solvent naphtha (petroleum), light, aromatic</i>
· <b>Marine pollutant:</b>	Yes <i>Symbol (fish and tree)</i>
· <b>Special marking (ADR):</b>	<i>Symbol (fish and tree)</i>
· <b>Special precautions for user</b>	<i>Warning: Flammable liquids.</i>
· <b>Kemler Number:</b>	30
· <b>EMS Number:</b>	F-E, S-E
· <b>Stowage Category</b>	A
· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.

(Contd. on page 9)

MY





BE SURE. BUILD SURE.

### Safety Data Sheet according to P.U.(A) 310/2013

Printing date 11.04.2025

Version number 44

Revision: 11.04.2025

**Trade name MC-Cleaner G**

(Contd. of page 8)

**· Transport/Additional information:**

**· ADR**

- Limited quantities (LQ)
- Excepted quantities (EQ)

5L  
Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml

- Transport category
- Tunnel restriction code

3  
D/E

**· IMDG**

- Limited quantities (LQ)
- Excepted quantities (EQ)

5L  
Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml

**· UN "Model Regulation":**

UN 1993 FLAMMABLE LIQUID, N.O.S. (TERPENE, 2-METHOXY-1-METHYL ETHYL ACETATE), 3, III, ENVIRONMENTALLY HAZARDOUS

### 15 Regulatory information

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

**· EHS reference list**

CAS: 64742-95-6	Solvent naphtha (petroleum), light, aromatic
CAS: 108-32-7	Propylene carbonate
CAS: 108-65-6	2-Methoxy-1-methyl ethyl acetate

**· Directive 2012/18/EU**

- Named dangerous substances - ANNEX I

None of the ingredients is listed.

- Seveso category

P5c FLAMMABLE LIQUIDS

- Qualifying quantity (tonnes) for the application of lower-tier requirements

200 t

- Qualifying quantity (tonnes) for the application of upper-tier requirements

500 t

- 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.

(Contd. on page 10)



BE SURE. BUILD SURE.

Page 10/10

## Safety Data Sheet according to P.U.(A) 310/2013

Printing date 11.04.2025

Version number 44

Revision: 11.04.2025

**Trade name MC-Cleaner G**

(Contd. of page 9)

· **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)*

*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*

*Flam. Liq. 3: Flammable liquids – Category 3*

*Skin Irrit. 2: Skin corrosion or irritation – Category 2*

*Eye Irrit. 2: Serious eye damage or eye irritation – Category 2*

*Skin Sens. 1: Skin sensitization – Category 1*

*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*

*Asp. Haz.: Aspiration hazard – Category 1*

*Aquatic Chronic 2: Hazardous to the aquatic environment - chronic hazard – Category 2*

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

MY