

Trade name: M-Plast Reinigungs-Benzin 5203

Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

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

### **1.1. Product identifier**

M-Plast Reinigungs-Benzin 5203

Item No. 33684001

#### **Substance / product identification**

UFI J08H-11PH-A00M-QQA8

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

#### **Use of the substance/preparation**

Solvent

### **1.3. Details of the supplier of the safety data sheet**

#### **Address/Manufacturer**

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible  
for this SDS

### **1.4. Emergency telephone number**

Switzerland :145 / Abroad +41 (0)44 251 51 51

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

#### **Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2 H225

Skin Irrit. 2 H315

STOT SE 3 H336

Asp. Tox. 1 H304

Aquatic Chronic 2 H411

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

##### **Hazard pictograms**



##### **Signal word**

Danger

##### **Hazard statements**

H225

Highly flammable liquid and vapour.

Trade name: M-Plast Reinigungs-Benzin 5203

Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

H315 Causes skin irritation.  
 H336 May cause drowsiness or dizziness.  
 H304 May be fatal if swallowed and enters airways.  
 H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P331 Do NOT induce vomiting.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics; Hydrocarbons, C6, isoalkanes, <5% n-hexane; cyclohexane; n-hexane

**Reduced labeling (<= 125 ml)****Hazard pictograms****Signal word**

Danger

**Hazard statements**

H304 May be fatal if swallowed and enters airways.

**Precautionary statements**

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
 P331 Do NOT induce vomiting.  
 P405 Store locked up.  
 P501.3 Disposal in compliance with local and national regulations.

**2.3. Other hazards**

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Hazardous ingredients****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

EINECS no.	927-510-4	
Registration no.	01-2119475514-35-XXXX	
Concentration	>= 50	%
Classification (Regulation (EC) No. 1272/2008)		
	Flam. Liq. 2	H225
	Skin Irrit. 2	H315
	STOT SE 3	H336
	Asp. Tox. 1	H304

Trade name: M-Plast Reinigungs-Benzin 5203

Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

Aquatic Chronic 2 H411

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

CAS No.	64742-49-0	
EINECS no.	931-254-9	
Registration no.	01-2119484651-34-XXXX	
Concentration	>= 25	< 50 %
Classification (Regulation (EC) No. 1272/2008)		
Flam. Liq. 2		H225
Skin Irrit. 2		H315
STOT SE 3		H336
Asp. Tox. 1		H304
Aquatic Chronic 2		H411

**cyclohexane**

CAS No.	110-82-7	
EINECS no.	203-806-2	
Concentration	>= 1	< 2.5 %
Classification (Regulation (EC) No. 1272/2008)		
Flam. Liq. 2		H225
Asp. Tox. 1		H304
Skin Irrit. 2		H315
STOT SE 3		H336
Aquatic Acute 1		H400
Aquatic Chronic 1		H410

**n-hexane**

CAS No.	110-54-3	
EINECS no.	203-777-6	
Concentration	>= 1	< 2.5 %
Classification (Regulation (EC) No. 1272/2008)		
Flam. Liq. 2		H225
Asp. Tox. 1		H304
Skin Irrit. 2		H315
Repr. 2		H361f
STOT SE 3		H336
STOT RE 2		H373
Aquatic Chronic 2		H411

Concentration limits (Regulation (EC) No. 1272/2008)

STOT RE 1	H373	>= 5 %
-----------	------	--------

**Other information**

94/69/EG (21. ATP). Content of benzene in the product is smaller than 0.1%. Annotation P is valid. Classification and characterization as may cause cancer (R45) is not necessary.

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Remove contaminated, soaked clothing immediately and dispose of safely. Remove affected person from danger area.

**After inhalation**

Remove the casualty into fresh air and keep him calm. Seek medical advice immediately. If the patient is

Trade name: M-Plast Reinigungs-Benzin 5203

Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

likely to become unconscious, place and transport in stable sideways position.

**After skin contact**

Wash off immediately with soap and water and rinse well. Consult a doctor if skin irritation persists.

**After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.).

**After ingestion**

Do not induce vomiting. Summon a doctor immediately. Rinse out mouth and give plenty of water to drink. Administer activated charcoal.

**4.2. Most important symptoms and effects, both acute and delayed**

Dizziness, Unconsciousness, Nausea, Vomiting, CNS Disturbance, Narcosis, respiratory moderation

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / hazards**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide, Foam, Dry powder

**Non suitable extinguishing media**

Full water jet

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

Carbon monoxide (CO); Forms explosive mixture with air are possible.

**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

Wear full protective suit. Use self-contained breathing apparatus.

**Other information**

Cool endangered containers with water spray jet.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep away unprotected persons.

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Do not empty into drains, caverns and basements. Advise water authority if spillage has entered water course or drainage system.

**6.3. Methods and material for containment and cleaning up**

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). When picked up, treat material as prescribed under Section 13 "Disposal". Ensure adequate ventilation.

**6.4. Reference to other sections**

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Trade name: M-Plast Reinigungs-Benzin 5203

Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

**Advice on safe handling**

Provide good ventilation of working area (local exhaust ventilation if necessary). Provide good room ventilation even at ground level (vapours are heavier than air). Handle and open container with care. Avoid formation of aerosols. Take action to prevent static discharges.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking. Vapours can form an explosive mixture with air. Use explosion-proof equipment/fittings and non-sparking tools. Risk of explosion if the liquid enters the drains.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

explosion proof. Provide solvent-resistant and impermeable floor.

**Storage classes**

Storage class according to TRGS 510	3	Flammable liquid
Storage category (Switzerland)	3	Flammable liquid

**Further information on storage conditions**

Keep container tightly closed, cool and dry. Keep container tightly closed. Protect from direct sunlight.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limit values****cyclohexane**

List	SUVA			
Type	MAK			
Value	700	mg/m <sup>3</sup>	200	ppm(V)
Short term exposure limit	2800	mg/m <sup>3</sup>	800	ppm(V)
Remarks: B; ZNS; NIOSH				

**n-hexane**

List	SUVA			
Type	MAK			
Value	180	mg/m <sup>3</sup>	50	ppm(V)
Short term exposure limit	1440	mg/m <sup>3</sup>	400	ppm(V)
Skin resorption / sensibilisation: H; Pregnancy group: S; Remarks: H B R2F SSc; NS, Auge; NIOSH				

**Derived No/Minimal Effect Levels (DNEL/DMEL)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Type of value	Derived No Effect Level (DNEL)		
Reference group	Worker		
Duration of exposure	Long term		
Route of exposure	dermal		
Mode of action	Systemic effects		
Concentration	300		mg/kg/d

Type of value	Derived No Effect Level (DNEL)		
Reference group	Worker		
Duration of exposure	Long term		
Route of exposure	inhalative		
Mode of action	Systemic effects		
Concentration	2085		mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)		
Reference group	Consumer		

Trade name: M-Plast Reinigungs-Benzin 5203

Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	149	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	477	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Concentration	149	mg/kg/d

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	13964	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	5306	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	1377	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	1137	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	1301	mg/kg/d

**8.2. Exposure controls**

Trade name: M-Plast Reinigungs-Benzin 5203

Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

**Exposure controls**

See Section 7. No measures exceeding the ones mentioned necessary.

**General protective and hygiene measures**

Keep away from food-stuffs, beverages and feed-stocks. Wash hands before breaks and after work.  
Store work clothing separately. At work do not eat, drink, smoke or take drugs. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.

**Respiratory protection**

Breathing apparatus in the event of aerosol or mist formation. Gas filter class A1.

**Hand protection**

Gloves (solvent-resistant)  
Appropriate Material nitrile rubber - NBR  
Material thickness 0.35 mm  
Not suitable: rubber gloves  
Not suitable: PVC gloves  
Not suitable: leather gloves  
Not suitable: gloves made of thick material

**Eye protection**

Tightly fitting safety glasses

**Body protection**

Solvent-resistant protective clothing

**Environmental exposure controls**

Do not allow to enter drains or water courses.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state liquid  
Colour colourless  
Odour slightly perceptible

**Freezing point**

Remarks No data available

**Boiling point or initial boiling point and boiling range**

Value 48 to 105 °C

**Upper and lower explosive limits**

Lower explosion limit 0.6 %(V)  
Upper explosion limit 7.4 %(V)

**Flash point**

Value < 0 °C  
Method DIN 51755

**Auto-ignition temperature**

Value 258 °C

**pH value**

Remarks No data available

**Viscosity****kinematic**

Value 0.3 to 1.2 mm<sup>2</sup>/s  
Temperature 20 °C

**Partition coefficient n-octanol/water (log value)**

Trade name: M-Plast Reinigungs-Benzin 5203

Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

**M-Plast Reinigungs-Benzin 5203**

log Pow &gt; 3

**Vapour pressure**

Value 190 hPa

Temperature 20 °C

**Density and/or relative density**Value 0.688 g/cm<sup>3</sup>

Temperature 20 °C

Method ASTM D 1298

**Relative vapour density**

Remarks No data available

**9.2. Other information****Odour threshold**

Remarks No data available

**Evaporation rate**

Remarks No data available

**Solubility in water**

Remarks virtually insoluble

**Auto-ignition temperature**

Value &gt; 200 °C

**Efflux time**

Remarks No data available

**Oxidising properties**

Remarks Not applicable

**Other information**

Forms explosive mixture with air are possible.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

Stable under recommended storage and handling conditions (see section 7).

**10.3. Possibility of hazardous reactions**

No decomposition if stored and applied as directed.

**10.4. Conditions to avoid**

Heat. Flames. Sparks

**10.5. Incompatible materials**

Explosive, Formation of explosive gas/air mixtures.

**10.6. Hazardous decomposition products**

Flammable gases/vapours

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**



Trade name: M-Plast Reinigungs-Benzin 5203

Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

**M-Plast Reinigungs-Benzin 5203**

Remarks Based on available data, the classification criteria are not met.

**Acute oral toxicity (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Species	rat	
LD50	> 5840	mg/kg
Method	OECD 401	
Source	Analogous	

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Species	rat	
LD50	> 5000	mg/kg
Method	OECD 401	

**cyclohexane**

Species	rat	
LD50	12700	mg/kg
Source	GESTIS-Stoffdatenbank	
Source	Toxicology and Applied Pharmacology. Vol. 19, Pg. 699, 1971.	

**n-hexane**

Species	rat	
LD50	> 5000	mg/kg

**Acute dermal toxicity****M-Plast Reinigungs-Benzin 5203**

Remarks Based on available data, the classification criteria are not met.

**Acute dermal toxicity (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Species	rat	
LD50	> 2920	mg/kg
Method	OECD 402	
Source	Analogous	

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Species	rat	
LC50	> 3000	mg/kg
Method	OECD 402	

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Species	rabbit	
LD50	> 2800	mg/kg

**n-hexane**

Species	rabbit	
LD50	> 2800	mg/kg

**Acute inhalational toxicity****M-Plast Reinigungs-Benzin 5203**

Remarks Based on available data, the classification criteria are not met.

**Acute inhalative toxicity (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Species	rat	
LC50	> 23.3	mg/l
Duration of exposure	4	h
Administration/Form	Vapors	
Method	OECD 403	
Source	Analogous	

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Trade name: M-Plast Reinigungs-Benzin 5203

Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

Species	rat		
LC50	>	20	mg/l
Duration of exposure	4	h	
Administration/Form	Vapors		
Method	OECD 403		

**Hydrocarbons, C6, isoalkanes,<5% n-hexane**

Species	rat		
LC50	>	23.3	mg/l
Duration of exposure	4	h	

**Skin corrosion/irritation****M-Plast Reinigungs-Benzin 5203**

evaluation	irritant
Remarks	The classification criteria are met.

**Skin corrosion/irritation (Components)****Hydrocarbons, C6, isoalkanes,<5% n-hexane**

evaluation	Moderately irritating
Method	OECD 404

**Serious eye damage/irritation****M-Plast Reinigungs-Benzin 5203**

Remarks	Based on available data, the classification criteria are not met.
---------	---

**Serious eye damage/irritation (Components)****Hydrocarbons, C6, isoalkanes,<5% n-hexane**

evaluation	Moderately irritating
Method	OECD 405

**Sensitization****M-Plast Reinigungs-Benzin 5203**

Remarks	Based on available data, the classification criteria are not met.
---------	---

**Sensitization (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

evaluation	non-sensitizing
------------	-----------------

**Hydrocarbons, C6, isoalkanes,<5% n-hexane**

evaluation	non-sensitizing
------------	-----------------

**cyclohexane**

Remarks	No sensation effect known.
---------	----------------------------

**Subacute, subchronic, chronic toxicity****M-Plast Reinigungs-Benzin 5203**

Remarks	Chronic exposure causes damage of respiratory organs.
---------	---

**M-Plast Reinigungs-Benzin 5203**

Remarks	Chronic exposure may cause serious damage of skin.
---------	--

**Mutagenicity****M-Plast Reinigungs-Benzin 5203**

Remarks	Based on available data, the classification criteria are not met.
---------	---

**Mutagenicity (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

evaluation	No experimental indications on genotoxicity in vivo found.
Source	Analogous

**Hydrocarbons, C6, isoalkanes,<5% n-hexane**

evaluation	No experimental indications on genotoxicity in vivo found.
------------	--

Trade name: M-Plast Reinigungs-Benzin 5203

Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

Source Analogous

**cyclohexane**

Remarks No information available.

**Reproductive toxicity****M-Plast Reinigungs-Benzin 5203**

Remarks Based on available data, the classification criteria are not met.

**Reproduction toxicity (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

evaluation No negative effects

Source Analogous

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

evaluation No negative effects

Source Analogous

**cyclohexane**

Remarks No data available.

**Carcinogenicity****M-Plast Reinigungs-Benzin 5203**

Remarks Based on available data, the classification criteria are not met.

**Carcinogenicity (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

evaluation No negative effects

Source Analogous

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

evaluation No negative effects

Source Analogous

**cyclohexane**

evaluation No negative effects

Remarks Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT)****M-Plast Reinigungs-Benzin 5203****Single exposure**

Remarks The classification criteria are met.

**M-Plast Reinigungs-Benzin 5203**

evaluation May cause drowsiness or dizziness.

**M-Plast Reinigungs-Benzin 5203****Repeated exposure**

Remarks The classification criteria are met.

**M-Plast Reinigungs-Benzin 5203**

evaluation May cause damage to organs through prolonged or repeated exposure

**Specific Target Organ Toxicity (STOT) (Components)****cyclohexane**

Remarks No data available

**Aspiration hazard****M-Plast Reinigungs-Benzin 5203**

The classification criteria are met.

**M-Plast Reinigungs-Benzin 5203**

Harmful: may cause lung damage if swallowed.

Trade name: M-Plast Reinigungs-Benzin 5203

Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

**Aspiration hazard (Components)****cyclohexane**

Harmful: may cause lung damage if swallowed.

**11.2. Information on other hazards****Endocrine disrupting properties with respect to humans****M-Plast Reinigungs-Benzin 5203**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

**Experience in practice**

Causes a numb feeling.

**Other information**

Quantitative data concerning toxicity are not available.

**SECTION 12: Ecological information****12.1. Toxicity****Fish toxicity****M-Plast Reinigungs-Benzin 5203**

LC50	<	10	mg/l
------	---	----	------

**Fish toxicity (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Species	rainbow trout (Oncorhynchus mykiss)		
LC50	13.4		mg/l
Duration of exposure	96	h	

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Species	red killifish		
LC50	1		mg/l
Duration of exposure	48	h	
Source	Analogous		

**cyclohexane**

Species	Fathead minnow (Pimephales promelas)		
LC50	4.5		mg/l
Duration of exposure	4	d	

**Daphnia toxicity (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Species	Daphnia magna		
NOEC	0.17		mg/l
Duration of exposure	21	d	
Source	Analogous		

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Species	Daphnia magna		
LC50	3.87		mg/l
Duration of exposure	48	h	
Source	Analogous		

**cyclohexane**

Species	Daphnia magna		
EC50	0.9		mg/l
Duration of exposure	2	d	

**Algae toxicity**

Trade name: M-Plast Reinigungs-Benzin 5203

Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

**M-Plast Reinigungs-Benzin 5203**

IC50	<	100	mg/l
------	---	-----	------

**Algae toxicity (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Species	Raphidocelis subcapitata		
NOEC	10		mg/l
Duration of exposure	72	h	
Source	Analogous		

**Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Species	Raphidocelis subcapitata		
EC50	10	to 30	mg/l
Duration of exposure	72	h	
Source	Analogous		

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Species	Raphidocelis subcapitata		
ErC50	55		mg/l
Duration of exposure	72	h	
Source	Analogous		

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

NOEC	30		mg/l
Duration of exposure	72	h	

**cyclohexane**

Species	Chlorobionta		
EC50	9.317		mg/l
Duration of exposure	3	d	

**Bacteria toxicity****M-Plast Reinigungs-Benzin 5203**

EC50	10	mg/l
------	----	------

**Bacteria toxicity (Components)****cyclohexane**

Remarks	No data available.
---------	--------------------

**12.2. Persistence and degradability****General information**

For this subsection there is no ecotoxicological data available on the product as such.

**Biodegradability (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Value	98	%
Duration of test	28	d
evaluation	Readily biodegradable	
Source	Analogous	

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Value	98	%
Duration of test	28	d
evaluation	Readily biodegradable	
Source	Analogous	

**12.3. Bioaccumulative potential****Partition coefficient n-octanol/water (log value)****M-Plast Reinigungs-Benzin 5203**

log Pow	>	3
---------	---	---

Trade name: M-Plast Reinigungs-Benzin 5203

Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

**Octanol/water partition coefficient (log Pow) (Components)****Hydrocarbons, C6, isoalkanes, <5% n-hexane**

log Pow 3.6

**12.4. Mobility in soil****General information**

For this subsection there is no ecotoxicological data available on the product as such.

**Mobility in soil (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

The product is insoluble and floats on water.

**Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Adsorbs on soil.

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

The product is insoluble and floats on water.

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

The product is easily volatile.

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Will not adsorb on soil.

**12.5. Results of PBT and vPvB assessment****Results of PBT and vPvB assessment****M-Plast Reinigungs-Benzin 5203**

The product contains no PBT substances

**M-Plast Reinigungs-Benzin 5203**

The product contains no vPvB substances.

**12.6 Endocrine disrupting properties****Endocrine disrupting properties with respect to the environment****M-Plast Reinigungs-Benzin 5203**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

**12.7. Other adverse effects****General information / ecology**

Toxic for aquatic organisms. Do not allow it to reach ground water, water bodies or sewage system.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

**Disposal recommendations for packaging**

Dispose of as unused product.

**SECTION 14: Transport information**

Trade name: M-Plast Reinigungs-Benzin 5203







Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	D/E		
14.1. UN number or ID number	3295	3295	3295
14.2. UN proper shipping name	HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, Hydrocarbons, C6, isoalkanes, <5% n-hexane)	HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, Hydrocarbons, C6, isoalkanes, <5% n-hexane)	HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, Hydrocarbons, C6, isoalkanes, <5% n-hexane)
14.3. Transport hazard class(es)	3	3	3
Label			
14.4. Packing group	II	II	II
Special provision	640C		
Limited Quantity	1 I	1 I	
Transport category	2		
14.5. Environmental hazards	 ENVIRONMENTALLY HAZARDOUS	Marine Pollutant  ENVIRONMENTALLY HAZARDOUS	 ENVIRONMENTALLY HAZARDOUS

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Water Hazard Class (Germany)

 Water Hazard Class      WGK 3  
 (Germany)

Remarks      Derivation of WGK according to Annex 1 No. 5.2 AwSV

#### Other information

 The product does not contain substances according to Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH) with a content of  $\geq 0.1\%$  w/w.

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

Trade name: M-Plast Reinigungs-Benzin 5203

Substance number: 336840

Version: 6 / CH

Date revised: 08.09.2025

Replaces Version: 5 / CH

Print date: 08.09.25

## SECTION 16: Other information

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2	H225	On basis of test data
Skin Irrit. 2	H315	Calculation method
STOT SE 3	H336	Calculation method
Asp. Tox. 1	H304	Calculation method
Aquatic Chronic 2	H411	Calculation method

### Hazard statements listed in Chapter 2/3

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

### CLP categories listed in Chapter 2/3

Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 2	Flammable liquid, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin irritation, Category 2
STOT RE 2	Specific target organ toxicity - repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
 This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.