

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**Goldfaber Aqua Dual Marker**

Revision date: 06/23/2022

Product code: 100-139-zzz-21

Page 1 of 9

**1. Identification****Product identifier**

Goldfaber Aqua Dual Marker

**Recommended use of the chemical and restrictions on use****Use of the substance/mixture**

Ink in writing instrument  
 Artificial painting and drawing.  
 Watercolours for Hobby and Art.

**Details of the supplier of the safety data sheet**

Company name:	A.W. Faber-Castell Ges.m.b.H	
	Austria	
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**Emergency phone number:**

+49 (0) -911-9965 5550  
 +49 (0) -911-61 64 26

**2. Hazard(s) identification****Classification of the chemical****29 CFR Part 1910.1200**

Respiratory or skin sensitization: Skin Sens. 1

**Label elements****29 CFR Part 1910.1200****Signal word:** Warning**Pictograms:****Hazard statements**

May cause an allergic skin reaction

**Precautionary statements**

If medical advice is needed, have product container or label at hand.  
 Keep out of reach of children.  
 Read label before use.  
 Avoid breathing dust/fume/gas/mist/vapors/spray.  
 Contaminated work clothing must not be allowed out of the workplace.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 If on skin: Wash with plenty of Water and soap.  
 If skin irritation or rash occurs: Get medical advice/attention.  
 Wash contaminated clothing before reuse.



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Revision date: 06/23/2022

Product code: 100-139-zzz-21

Page 2 of 9

#### Hazards not otherwise classified

No data available.

### 3. Composition/information on ingredients

#### Mixtures

##### Chemical characterization

Water-based ink with pigments, binders, humiditing agents, preservatives and surface active agents.

#### Hazardous components

CAS No	Components	Quantity
2682-20-4	2-methylisothiazol-3(2H)-one	0.01325 %

### 4. First-aid measures

#### Description of first aid measures

##### General information

Remove contaminated clothing immediately and dispose off safely.  
 If victim is at risk of losing consciousness, position and transport on their side.  
 Turn a vomiting person to the side.

##### After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice. In case of feeling unwell seek medical advice.

##### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary. Wash immediately with soap and plenty of water.

##### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist. Rinse with eyelid held open for several minutes with running water. Medical treatment necessary.

##### After ingestion

Rinse mouth immediately and drink 1 glass of water. Drink large amounts of water and fresh air.

#### Most important symptoms and effects, both acute and delayed

No data available.

#### Indication of any immediate medical attention and special treatment needed

Treat symptomatically. No data available.

### 5. Fire-fighting measures

#### Extinguishing media

##### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. none, ink not burnable.  
 If packaging or plastic boxes are burning: Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Water spray. Fight against a major burning with: Water spray.

##### Unsuitable extinguishing media

For this substance / preparation no extinguishing agent restriction exist.

#### Specific hazards arising from the chemical

Non-flammable. No specific hazards known.

#### Special protective equipment and precautions for fire-fighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit. No special protective equipment.



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### Goldfaber Aqua Dual Marker

Revision date: 06/23/2022

Product code: 100-139-zzz-21

Page 3 of 9

#### Additional information

Suppress gases/vapors/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

#### 6. Accidental release measures

##### Personal precautions, protective equipment and emergency procedures

###### General advice

Provide adequate ventilation. Do not breathe gas/fume/vapor/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment. Change contaminated clothing.

###### Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into surface water or drains.

##### Methods and material for containment and cleaning up

###### Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

##### Reference to other sections

Safe handling: see section 7  
 Personal protection equipment (PPE): see section 8  
 Disposal: see section 13 Information for safe handling, see section 7.  
 Information for personal protective equipment, see section 8.  
 Information for disposal, see section 13.

#### 7. Handling and storage

##### Precautions for safe handling

###### Advice on safe handling

Keep container tightly closed.

###### Advice on protection against fire and explosion

No special measures are necessary.

###### Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. none

###### Further information on handling

No special measures are necessary.

##### Conditions for safe storage, including any incompatibilities

###### Requirements for storage rooms and vessels

Keep container tightly closed. Protect from freezing.  
 Recommended storage temperature: 5 - 35 °C

###### Hints on joint storage

none

#### 8. Exposure controls/personal protection

##### Control parameters

##### Exposure controls

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

###### Eye/face protection

Wear eye/face protection. For normal use not necessary.



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Revision date: 06/23/2022

Product code: 100-139-zzz-21

Page 4 of 9

#### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. For normal use not necessary.

#### Skin protection

Use of protective clothing

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state: liquid  
 Color: light yellow  
 Odor: slightly

#### Changes in the physical state

Melting point/freezing point: 10 °C  
 Boiling point or initial boiling point and boiling range: 100 °C  
 Sublimation point: No data available.  
 Softening point: No data available.  
 Pour point: No data available.  
 : No data available.  
 Flash point: nicht brennbar

#### Flammability

Solid/liquid: No data available.  
 Gas: No data available.

#### Explosive properties

The product is not: Explosive. not explosive.

Lower explosion limits: No data available.  
 Upper explosion limits: No data available.  
 Auto-ignition temperature: >400 °C

#### Self-ignition temperature

Solid: No data available.  
 Gas: No data available.

Decomposition temperature: No data available.

pH-Value: 8,7

Viscosity / dynamic: (at 20 °C) 7,4 mPa·s

Viscosity / kinematic: No data available.

Flow time: No data available.

Water solubility: completely miscible

#### Solubility in other solvents

No data available.

Partition coefficient n-octanol/water: No data available.



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### Goldfaber Aqua Dual Marker

Revision date: 06/23/2022

Product code: 100-139-zzz-21

Page 5 of 9

Vapor pressure: (at 20 °C)	No data available.
Vapor pressure:	No data available.
Density (at 20 °C):	1 g/cm <sup>3</sup>
Bulk density:	No data available.
Relative vapour density:	No data available.

#### Other information

##### Information with regard to physical hazard classes

Sustaining combustion:	Not sustaining combustion
Oxidizing properties	
Not oxidizing.	

##### Other safety characteristics

Solvent separation test:	No data available.
Solvent content:	ca. 10 %
Solid content:	ca. 10 %
Evaporation rate:	No data available.

## 10. Stability and reactivity

#### Reactivity

not reactive.

#### Chemical stability

Stability:	Stable
not proof against strong acids and bases.	
Not proof against oxidizing and reducing agents.	

#### Possibility of hazardous reactions

Hazardous reactions:	Will not occur
No hazardous reactions known.	

#### Conditions to avoid

No data available.

#### Incompatible materials

strong acids.  
strong oxidizers  
Reducing agent, strong

#### Hazardous decomposition products

none known

## 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Based on available data, the classification criteria are not met.  
LD50: > 4000 mg/kg (Acute toxicity, oral, Rat calculated)



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Revision date: 06/23/2022

Product code: 100-139-zzz-21

Page 6 of 9

CAS No	Components				
	Exposure route	Dose	Species	Source	Method
2682-20-4	2-methylisothiazol-3(2H)-one				
	oral	ATE 100 mg/kg			
	dermal	ATE 300 mg/kg			
	inhalation vapour	ATE 0,5 mg/l			
	inhalation dust/mist	ATE 0,05 mg/l			

#### **Irritation and corrosivity**

Based on available data, the classification criteria are not met.  
 Primary irritation: Irritation on skin: none known  
 Irritation on eye: Slight irritation possible

#### **Sensitizing effects**

May cause an allergic skin reaction (2-methylisothiazol-3(2H)-one)

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

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

#### **Specific target organ toxicity (STOT) - single exposure**

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

#### **Specific target organ toxicity (STOT) - repeated exposure**

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

#### **Aspiration hazard**

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

#### **Information on other hazards**

##### **Endocrine disrupting properties**

No data available.

## 12. Ecological information

#### **Ecotoxicity**

Not toxic.

#### **Persistence and degradability**

No data available.

#### **Bioaccumulative potential**

No data available.

#### **Mobility in soil**

No data available.

#### **Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.  
 No data available.

#### **Other adverse effects**

No data available.

#### **Further information**

Avoid release to the environment.

## 13. Disposal considerations

#### **Waste treatment methods**



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### Goldfaber Aqua Dual Marker

Revision date: 06/23/2022

Product code: 100-139-zzz-21

Page 7 of 9

#### Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.  
Water-based inks

#### Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled. Clean with water.

### 14. Transport information

#### U.S. DOT 49 CFR 172.101

##### Proper shipping name:

Not a hazardous material with respect to these transport regulations.

#### Marine transport (IMDG)

##### UN number or ID number:

No dangerous good in sense of this transport regulation.

##### UN proper shipping name:

No dangerous good in sense of this transport regulation.

##### Transport hazard class(es):

No dangerous good in sense of this transport regulation.

##### Packing group:

No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

##### UN number or ID number:

No dangerous good in sense of this transport regulation.

##### UN proper shipping name:

No dangerous good in sense of this transport regulation.

##### Transport hazard class(es):

No dangerous good in sense of this transport regulation.

##### Packing group:

No dangerous good in sense of this transport regulation.

#### Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### Special precautions for user

No data available.

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available.

#### Other applicable information

No dangerous good in sense of these transport regulations.

### 15. Regulatory information

#### U.S. Regulations

##### National regulatory information

RA Section 311/312 Hazards:

2-methylisothiazol-3(2H)-one (2682-20-4): Immediate (acute) health hazard

##### State Regulations

##### Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

### 16. Other information

#### Hazardous Materials Information Label (HMIS)

Health: 0

Flammability: 0

Physical Hazard: 0

#### NFPA Hazard Ratings

Health: 0

Flammability: 0

Reactivity: 0

Unique Hazard: none



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Item Numbers: 87323-1006, 87323-1012, 87323-1016, 87323-1018, 87323-1024, 87323-1026, 87323-1036, 87323-1046, 87323-1056, 87323-1066, 87323-1076, 87323-1086, 87323-2020, 87323-2730, 87323-2810, 87323-2840, 87323-3060, 87323-3100, 87323-3130, 87323-3190, 87323-3230, 87323-3330, 87323-3340, 87323-3450, 87323-3540, 87323-3580, 87323-3690, 87323-3740, 87323-3750, 87323-3760, 87323-3780, 87323-3810, 87323-4040, 87323-4140, 87323-4150, 87323-4160, 87323-4180, 87323-4200, 87323-4310, 87323-4830, 87323-4940, 87323-4950, 87323-5070, 87323-5160, 87323-5170, 87323-5260, 87323-5340, 87323-5410, 87323-5910, 87323-6000, 87323-6120, 87323-6130, 87323-6150, 87323-6410, 87323-6530, 87323-6600, 87323-6650, 87323-6740, 87323-7010, 87323-7050, 87323-7070, 87323-7080, 87323-7090, 87323-7150, 87323-7230, 87323-7660, 87323-7800, 87323-7810, 87323-7890, 87323-7910, 87323-8040, 87323-8540

Page 7 of 9



## Safety Data Sheet

A.W. Faber-Castell Ges.m.b.H

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## Goldfaber Aqua Dual Marker

Revision date: 06/23/2022

Product code: 100-139-zzz-21

Page 8 of 9

Revision date: 23.06.2022

Revision No: 1,00

**Abbreviations and acronyms**

CAS: Chemical Abstracts

LD: letal Dose

HZVA: Herstellung, Zubereitung, Vertrieb und Anwendung. Abkürzung aus dem Europäischen Abfallverzeichnis.

VOC: Volatile Organic Compounds

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

VOC: Volatile Organic Compounds

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>**Other data**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations. The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.





**FABER-CASTELL**  
since 1761

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Revision date: 06/23/2022

Product code: 100-139-zzz-21

Page 9 of 9

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*