

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

Printing date 15.07.2020

Revision: 15.07.2020

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

- **1.1 Product identifier**
- Trade name: **Mould eliminator No 412**
- Article number: 412
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- Application of the substance / the mixture Surface cleaning
- **1.3 Details of the supplier of the safety data sheet**
- Manufacturer/Supplier:
AURO AG
Alte Frankfurter Str. 211
D-38122 Braunschweig
helmut.nieder@auro.de
- Further information obtainable from: product safety department
- **1.4 Emergency telephone number:** During normal opening times: +49 531 281 41 19

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- Classification according to Regulation (EC) No 1272/2008



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

- **2.2 Label elements**
- Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.
- Hazard pictograms GHS07
- Signal word Warning
- Hazard-determining components of labelling:
Wasserstoffperoxid in Lösung 35 %
acetic acid
- Hazard statements
H319 Causes serious eye irritation.
- Precautionary statements
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P264 Wash thoroughly after handling.
P280 Wear eye protection / face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
- **2.3 Other hazards**
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

	Wasserstoffperoxid in Lösung 35 % ⚠ Ox. Liq. 1, H271; ⚠ Skin Corr. 1A, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	10-25%
CAS: 64-17-5 EINECS: 200-578-6	ethanol ⚠ Flam. Liq. 2, H225	1-10%

(Contd. on page 2)

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

Printing date 15.07.2020

Revision: 15.07.2020

Trade name: Mould eliminator No 412




(Contd. of page 1)

CAS: 64-19-7

acetic acid

1-10%

EINECS: 200-580-7

 Flam. Liq. 3, H226;  Skin Corr. 1A, H314;  Acute Tox. 4, H312

· *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

- *After inhalation:* Supply fresh air; consult doctor in case of complaints.
- *After skin contact:* Generally the product does not irritate the skin.
- *After eye contact:* Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- *After swallowing:* If symptoms persist consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· *Suitable extinguishing agents:* CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **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** Not required.

· 6.2 Environmental precautions:

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

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

· 6.4 Reference to other sections

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.

· *Information about fire - and explosion protection:* No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities

· *Storage:*

· *Requirements to be met by storerooms and receptacles:* No special requirements.

· *Information about storage in one common storage facility:* Not required.

· *Further information about storage conditions:* Keep container tightly sealed.

· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· *Additional information about design of technical facilities:* No further data; see item 7.

(Contd. on page 3)

GB

Safety data sheet
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Printing date 15.07.2020

Revision: 15.07.2020

Trade name: Mould eliminator No 412

(Contd. of page 2)

· 8.1 Control parameters· *Ingredients with limit values that require monitoring at the workplace:***Wasserstoffperoxid in Lösung 35 %**

WEL	Short-term value: 2.8 mg/m ³ , 2 ppm
	Long-term value: 1.4 mg/m ³ , 1 ppm

64-17-5 ethanol

WEL	Long-term value: 1920 mg/m ³ , 1000 ppm
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64-19-7 acetic acid

WEL	Short-term value: 50 mg/m ³ , 20 ppm
	Long-term value: 25 mg/m ³ , 10 ppm

· *Additional information:* The lists valid during the making were used as basis.**· 8.2 Exposure controls**· *Personal protective equipment:*· *General protective and hygienic measures:*

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· *Respiratory protection:* Not required.· *Protection of hands:*

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· *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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· *Penetration time of glove material*

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· *Eye protection:*

Tightly sealed goggles

SECTION 9: Physical and chemical properties**· 9.1 Information on basic physical and chemical properties**· *General Information*· *Appearance:*

Form: Fluid

Colour: According to product specification

· *Odour:* Characteristic· *Odour threshold:* Not determined.· *pH-value at 20 °C:* 8.2

(Contd. on page 4)

GB

Safety data sheet
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Printing date 15.07.2020

Revision: 15.07.2020

Trade name: Mould eliminator No 412

(Contd. of page 3)

· <i>Change in condition</i>	
<i>Melting point/freezing point:</i>	Undetermined.
<i>Initial boiling point and boiling range:</i>	78 °C
· <i>Flash point:</i>	63 °C
· <i>Flammability (solid, gas):</i>	Not applicable.
· <i>Ignition temperature:</i>	485 °C
· <i>Decomposition temperature:</i>	Not determined.
· <i>Auto-ignition temperature:</i>	Product is not selfigniting.
· <i>Explosive properties:</i>	Product does not present an explosion hazard.
· <i>Explosion limits:</i>	
<i>Lower:</i>	0.0 Vol %
<i>Upper:</i>	0.0 Vol %
· <i>Vapour pressure at 20 °C:</i>	23 hPa
· <i>Density at 20 °C:</i>	1.01 g/cm ³
· <i>Relative density</i>	Not determined.
· <i>Vapour density</i>	Not determined.
· <i>Evaporation rate</i>	Not determined.
· <i>Solubility in / Miscibility with water:</i>	Fully miscible.
· <i>Partition coefficient: n-octanol/water:</i>	Not determined.
· <i>Viscosity:</i>	
<i>Dynamic:</i>	Not determined.
<i>Kinematic at 20 °C:</i>	38 s (DIN 53211/4)
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- *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.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- *Acute toxicity* Based on available data, the classification criteria are not met.
- *Primary irritant effect:*
- *Skin corrosion/irritation* Based on available data, the classification criteria are not met.
- *Serious eye damage/irritation*
Causes serious eye irritation.
- *Respiratory or skin sensitisation* Based on available data, the classification criteria are not met.
- *CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)*
- *Germ cell mutagenicity* Based on available data, the classification criteria are not met.
- *Carcinogenicity* Based on available data, the classification criteria are not met.
- *Reproductive toxicity* Based on available data, the classification criteria are not met.
- *STOT-single exposure* Based on available data, the classification criteria are not met.

(Contd. on page 5)

GB

Safety data sheet
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Revision: 15.07.2020

Trade name: Mould eliminator No 412

(Contd. of page 4)

- *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.

SECTION 12: Ecological information

- **12.1 Toxicity**
- *Aquatic toxicity:* No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- *Additional ecological information:*
- *General notes:*
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- *PBT:* Not applicable.
- *vPvB:* Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
 - *Recommendation* Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- | | |
|-----------------------------------|--------------------------------|
| · <i>European waste catalogue</i> | |
| 07 06 99 | wastes not otherwise specified |
- *Uncleaned packaging:*
 - *Recommendation:* Disposal must be made according to official regulations.
 - *Recommended cleansing agents:* Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- | | |
|----------------------------------------------------------------------------------|-----------------|
| · 14.1 UN-Number | |
| · ADR, ADN, IMDG, IATA | Void |
| · 14.2 UN proper shipping name | |
| · ADR, ADN, IMDG, IATA | Void |
| · 14.3 Transport hazard class(es) | |
| · ADR, ADN, IMDG, IATA | |
| · Class | Void |
| · 14.4 Packing group | |
| · ADR, IMDG, IATA | Void |
| · 14.5 Environmental hazards: | |
| · <i>Marine pollutant:</i> | No |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · <i>UN "Model Regulation":</i> | Void |

GB

(Contd. on page 6)

Safety data sheet
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Revision: 15.07.2020

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(Contd. of page 5)

SECTION 15: Regulatory information

- **15.1 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.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H271 May cause fire or explosion; strong oxidiser.
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H332 Harmful if inhaled.
- **Department issuing SDS:** product safety department
- **Contact:** N.N.
- **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)
- IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
- ICAO: International Civil Aviation Organisation
- ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
- ADR: Accord européen sur le transport 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)
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 2: Flammable liquids – Category 2
- Flam. Liq. 3: Flammable liquids – Category 3
- Ox. Liq. 1: Oxidizing liquids – Category 1
- Acute Tox. 4: Acute toxicity - oral – Category 4
- Skin Corr. 1A: Skin corrosion/irritation – Category 1A
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

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