

Date of issue: 07.02.2018 Replaces Data Sheet of: 23.10.2015
 "" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available



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

- 1.1 **Product identifier**
Trade Name: Water Effect
Article No.: 171662
Preparation No.: n.av.
Registration No.: n.ap.
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**
 Identified uses: Scale model purpose
- 1.3 **Details of the supplier of the safety data sheet**
- 1.3.1 **Address of the Company / Supplier:**
 Gebr. FALLER GmbH, Kreuzstraße 9, D - 78148 Gütenbach
 Telephone: +49-7723-651-0, Telefax: +49-7723-651-161, E-Mail: kundendienst@faller.de
- 1.3.2 **Responsible for the data sheet:**
 CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de
- 1.4 **Emergency telephone number**
 Emergency - Telephone of Company / Undertaking Information Centre Specialising in Symptoms of Poisoning
 Telephone: +49-7723-651-0 (8:30 – 16:30) Telephone: +44 870 600 6266

SECTION 2: Hazards identification

- 2.1 **Classification of the substance or mixture**
 n.ap.
- 2.2 **Label elements**
 Classification according to 1272/2008/EC:
 Applicable Exemptions:
 Signal word(s): Hazard pictogram(s):
 Component(s):

H - Phrases:

P - Phrases:
 P102: Keep out of reach of children.
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/ doctor/...

 Additional Markings:
 Although this product is not subject to classification, we recommend compliance with safety recommendations.

 The above mentioned labelling is valid for distribution to private consumer.
- 2.3 **Other hazards**
 This mixture contains no substances which are assessed to be PBT or vPvB.

SECTION 3: Composition/information on ingredients

- 3.1 **Substances**
 n.ap.
- 3.2 **Mixtures**
Chemical Characterisation:
 Liquid resin solution
Dangerous Ingredients:

Material	Index - No.	EC - No.	REACH - No.	m% - range
CAS - No. Hazard Code(s) / H - phrases				
1,2-Propandiole 57-55-6 EUH018	n.av.	200-338-0	01-2119456809-23-xxxx	15 - 25%
Ammoniak, wasserfrei 7664-41-7 Flam. Gas 2; H221 / Press. Gas; / Acute Tox. 3 *; H331 / Skin Corr. 1; H314 / Aquatic Acute 1; H400	007-001-00-5	231-635-3	01-2119488876-14-xxxx	0,1 - 0,5%

Text of H - phrases: see section 16
 m% - range: x – y \triangleq x \geq – < y

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SECTION 4: First aid measures

- 4.1 **Description of first aid measures**
- 4.1.1 **Inhalation:**
After inhalation of product / fumes of fire leave contaminated area and provide for fresh air. In the event of symptoms occurring, seek medical treatment.
- 4.1.2 **Skin Contact:**
Wash with soap and water.
- 4.1.3 **Eye Contact:**
In case of contact with eyes rinse thoroughly with water
- 4.1.4 **Ingestion:**
Do not cause vomiting. Rinse mouth out and drink plenty of water afterwards. In the event of symptoms occurring, seek medical treatment.
- 4.2 **Most important symptoms and effects, both acute and delayed**
None.
- 4.3 **Indication of any immediate medical attention and special treatment needed**
Symptomatic treatment.

SECTION 5: Firefighting measures

- 5.1 **Extinguishing media**
- 5.1.1 **Suitable Extinguishing Media:**
water spray jet, Foam, dry chemicals, CO₂.
- 5.1.2 **Extinguishing Media to Avoid:**
None.
- 5.2 **Special hazards arising from the substance or mixture**
In the case of fire, the following product(s) may form: Organic crackproducts and carbon oxides. inorganic dust
- 5.3 **Advice for firefighters**
- 5.3.1 **Special Protective Equipment:**
Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.
- 5.3.2 **Additional Information:**
None.

SECTION 6: Accidental release measures

- 6.1 **Personal precautions, protective equipment and emergency procedures**
See chapter 8.2.2
High risk of slipping due to leakage / spillage of product. Provide sufficient ventilation.
- 6.2 **Environmental precautions**
Do not allow larger quantities to enter drainage. Inform responsible authorities in the case of accidental release of larger quantities.
- 6.3 **Methods and material for containment and cleaning up**
Dispose of absorbed material in accordance with the regulations.
- 6.4 **Reference to other sections**
None.

SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling**
- 7.1.1 **Precautions for Safe Handling:**
Avoid contact with eyes and skin. Take off contaminated, saturated clothing immediately. Do not inhale dust, gas, vapours, fire -fumes. Do not eat, drink or smoke during work.
- 7.1.2 **Precautions in Case of Fire and Explosion:**
No special measures necessary
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**
No special measures required.
- 7.2.2 **Store away from:**
Store away from oxidising agents.
- 7.2.3 **Further Information on Storage Conditions:**
None.
- 7.3 **Specific end use(s)**
n.av.

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SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Material**

Ammoniak, wasserfrei

Limit ValueAGW: 20 ppm | 14 mg/m³, TWA: 20 ppm | 14 mg/m³ / III/1,4**8.2 Exposure controls****8.2.1 Appropriate engineering controls**

Observe the usual precautionary measures for handling chemicals.

8.2.2 Individual protection measures**8.2.2a Respiratory Protection:** If ventilation is insufficient, wear respiratory protection**8.2.2b Hand Protection:** In case of prolonged skin contact use protective gloves.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.**8.2.2c Eye Protection:** Goggles**8.2.2d Skin Protection:** Light protective clothing**8.2.2e Further Information:** Observe wearing time limits:**8.2.3 Environmental exposure controls:**

n.av.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****9.1.1 Form:** liquid**Colour:** off-white**Odour:** ammoniacal**Odour threshold:** n.av.**9.1.2 pH-value, undiluted:** n.av.

pH-value, 1% aqueous solution: n.av.

9.1.3 Boiling point / Boiling - range (°C): > 100, Melting point / Melting range (°C): n.av.**9.1.4 Flash point (°C):** > 61, closed cup**9.1.5 Flammability (EEC A10/A13):** n.ap.**9.1.6 Ignition temperature (°C):** n.av.**9.1.7 Autoflammability (EEC A16):** n.ap.**9.1.8 Oxidising properties:** None.**9.1.9 Explosion hazard:** No.**9.1.10 Explosion limits (Vol.%) lower:** n.av., upper: n.av.**9.1.11 Vapour pressure:** n.av.

Vapour density (Air = 1): Vapours are heavier than air.

9.1.12 Density (g/ml): 1,06**9.1.13 Solubility (in Water):** miscible Soluble in:**9.1.14 Partition coefficient, n-Octanol / Water:** n.av.**9.1.15 Viscosity:** n.av.**9.1.16 Solvent content (m %):** Not relevant**9.1.17 Thermal decomposition (°C):** n.av.**9.1.18 Evaporation rate:** n.av.**9.2 Other information**

n.av.

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

None.

10.2 Chemical stability

Stable at normal temperature.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

No hazardous reactions known.

10.5 Incompatible materials

Contact with oxidising agents may lead to strong reactions.

10.6 Hazardous decomposition products

No dangerous decomposition products when properly handled.

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SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Acute Health Effects:

Inhalation: n.av.

Ingestion: n.av.

Skin Contact: n.av.

Skin corrosion / irritation: May cause skin irritation in susceptible persons.

Serious eye damage / irritation: May cause eye irritation with susceptible persons.

Respiratory or skin sensitisation: n.av.

Germ cell mutagenicity: n.av.

Carcinogenicity: n.av.

Reproductive toxicity: n.av.

STOT-single exposure: n.av.

STOT-repeated exposure: n.av.

Aspiration hazard: n.av.

11.1.1 – Practical Experience

11.1.11 n.av.

11.1.12 Practical Experience

Observations relevant for classification:

None.

Further Observations:

Frequent or permanent contact to skin may lead to irritation or dermatitis.

Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: Ecological information**12.1 Toxicity**

n.av.

12.2 Persistence and degradability

The product is not readily biodegradable to OECD criteria but is inherently biodegradable.

12.3 Bioaccumulative potential

n.av.

12.4 Mobility in soil

n.av.

12.5 Results of PBT and vPvB assessment

This mixture contains no substances which are assessed to be PBT or vPvB.

12.6 Other adverse effects

12.6.1 COD-Value, mg/g: n.av.

12.6.2 BOD5-Value, mg/g: n.av.

12.6.3 AOX-Remarks: Not relevant

12.6.4 Significant Components: None.

12.6.5 Other adverse effects: None.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

13.1.1 Recommendation: D 10 / R 1

Waste - Code - No.: 20 01 30

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

13.1.2 Contaminated Packaging

Recommendation: Wash with suitable cleaner. Otherwise as described under Residues. Packaging that cannot be cleaned should be disposed of as for product

Safe Handling: As described under Residues. Observe the usual precautionary measures for handling chemicals.

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SECTION 14: Transport information

	ADR	IMDG	IATA
	No dangerous goods according to ADR	No dangerous goods according to IMDG	No dangerous goods according to IATA-DGR
14.1	UN number		
14.2	UN proper shipping name		
14.3	Transport hazard class(es)		
14.4	Packing group		
14.5	Environmental hazards		
14.6	Special precautions for user		
	Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		

SECTION 15: Regulatory information

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**
n.av.
- 15.2 **Chemical safety assessment :**
n.ap.

SECTION 16: Other information**Text of H phases mentioned in Section 3**

H221: Flammable gas.

H314: Causes severe skin burns and eye damage.

H331: Toxic if inhaled.

H400: Very toxic to aquatic life.

This datasheet has been compiled in accordance with EU regulation 2015/830.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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