

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



**63901 Aquazol® 50**

Page 1

Revised edition: 25.01.2024

Version: 12.1

Printed: 06.06.2025

## 1. Identification of the Substance/Mixture and of the Company/Undertaking

### 1.1. Product Identifier

*Product Name:* Aquazol® 50

*Article No.:* 63901

*UFI:* --

### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*

Glue  
Binding agent  
Thickener  
Coatings

*Uses advised against:*

### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Kremer Pigmente GmbH & Co. KG

*Address:* Hauptstr. 41-47, 88317 Aichstetten, Germany

*Tel./Fax.:* Tel +49 7565 914480, Fax +49 7565 1606

*Internet:* [www.kremer-pigmente.com](http://www.kremer-pigmente.com)

*E-Mail:* [info@kremer-pigmente.com](mailto:info@kremer-pigmente.com)

*Importer:* --

### 1.4. Emergency No.

*Emergency No.:* +49 7565 914480 (Mon-Fri 8:00 - 17:00)

### 1.4.2 Poison Center:

## 2. Hazards Identification

### 2.1. Classification of the Substance or Mixture

*Classification according to Regulation  
(EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Possible Environmental Effects:*

### 2.2. Label Elements

*Classification according to Regulation  
(EC) No. 1272/2008 (CLP/GHS)*

*No classification required according to the CLP/GHS guidelines.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

next page: 2

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



**63901 Aquazol® 50**

Page 2

Revised edition: 25.01.2024

Version: 12.1

Printed: 06.06.2025

---

## 2.3. Other Hazards

---

## 3. Composition/Information on Ingredients

### 3.1. Substance

### 3.2. Mixture

*Chemical Characterization:* Water soluble synthetic resin.

*Information on Components / Hazardous Ingredients:*

Poly (2-ethyl-2-oxazoline)	99.9 %	CAS-Nr: 25805-17-8 EINECS-Nr: EC-Nr:
----------------------------	--------	--

---

2-Ethyl-2-oxazoline (H226-315-319)	< 0.1 %	CAS-Nr: 10431-98-8 EINECS-Nr: 233-912-4 EC-Nr:
------------------------------------	---------	--

---

*Additional information:*

*Exempted from the mandatory REACH Registration.*

---

## 4. First Aid Measures

### 4.1. Description of the First Aid Measures

*General information:*

*Seek medical attention in case of complaints.*

*After inhalation:*

*Supply fresh air and seek medical advice in case of complaints.  
Give artificial respiration in case breathing is not regular or if it has stopped.*

*After skin contact:*

*Wash with soap and rinse with plenty of water.*

*After eye contact:*

*Rinse open eyes with plenty of water. In case of discomfort seek medical help.*

*After ingestion:*

*Rinse mouth with plenty of water (do not swallow) until no longer sticky.  
If symptoms persist consult physician.*

### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

*No further information available.*

*Effects:*

### 4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

*No further information available.*

---

## 5. Fire-Fighting Measures

next page: 3

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



**63901 Aquazol® 50**

Page 3

Revised edition: 25.01.2024

Version: 12.1

Printed: 06.06.2025

---

## 5.1. Extinguishing Media

*Suitable extinguishing media:*

Foam, carbon dioxide (CO<sub>2</sub>), extinguishing powder, water spray.

*Unsuitable extinguishing media:*

## 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

When heated or in case of fire: formation of hazard fumes.

## 5.3. Advice for Firefighters

*Protective equipment:*

Wear self-contained respiratory protective device.

*Further information:*

---

## 6. Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

Ensure adequate ventilation.

Wear protective clothing.

### 6.2. Environmental Precautions

*Environmental precautions:*

No special measures required.

### 6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

Take up mechanically and collect in suitable containers for disposal.

### 6.4. Reference to other Sections

---

## 7. Handling and Storage

### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

Wear adequate protective clothing (see para. 8).

Avoid formation of dust.

*Hygienic measures:*

Keep away from foodstuffs and drinks.

Do not eat or drink during work. Do not smoke.

### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

Store in tightly sealed containers in a dry and cool room.

Protect product from humidity.

*Requirements for storage areas and containers:*

Store product in closed containers.

*Information on fire and explosion*

next page: 4

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



**63901 Aquazol® 50**

Page 4

Revised edition: 25.01.2024

Version: 12.1

Printed: 06.06.2025

*protection:*

*Measures should be taken to avoid waste/uncontrolled discharge into the environment.*

*Storage class:*

*Further Information:*

## 7.3. Specific End Use(s)

*Further information:*

---

## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*none known*

*Parameters to be controlled:*

*Derived No-Effect Level (DNEL):*

*PNEC (Predicted No-Effect Concentration):*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*Provide adequate ventilation/exhaust system.*

*Personal Protection*

*General protective measures:*

*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.*

*Respiratory protection:*

*Dust mask recommended when very dusty (NIOSH-certified).*

*Hand protection:*

*Protective gloves (EN 374)*

*Protective glove material:*

*Eye protection:*

*Tightly fitting safety goggles (EN 166).*

*Body protection:*

*Environmental precautions:*

---

## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

*Form:* *solid*

*Color:* *bright yellow*

*Odor:* *none*

*Odor threshold:*

next page: 5

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



**63901 Aquazol® 50**

Page 5

Revised edition: 25.01.2024

Version: 12.1

Printed: 06.06.2025

---

*no information available*

*pH-Value:*

*neutral*

*Melting temperature:*

*not determined*

*Boiling temperature:*

*not applicable*

*Flash point:*

*not applicable*

*Evaporation rate:*

*not applicable*

*Flammability (solid, gas):*

*not applicable*

*Upper explosion limit:*

*no information available*

*Lower explosion limit:*

*no information available*

*Vapor pressure:*

*not applicable*

*Vapor density:*

*No information available.*

*Density:*

*1.14 g/cm<sup>3</sup>*

*Solubility in water:*

*soluble*

*Coefficient of variation (n-Octanol/Water):*

*not determined*

*Auto-ignition temperature:*

*> 400°C*

*Decomposition temperature:*

*> 380°C*

*Viscosity, dynamic:*

*not available*

*Explosive properties:*

*not applicable*

*Oxidizing properties:*

*no information available*

*Bulk density:*

## 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*5 - 7 cSt*

*Burning class:*

next page: 6

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



**63901 Aquazol® 50**

Page 6

Revised edition: 25.01.2024

Version: 12.1

Printed: 06.06.2025

---

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

---

## 10. Stability and Reactivity

### 10.1. Reactivity

*No information available.*

### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*Hazardous polymerisation will not occur.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Avoid humidity.*

*Thermal decomposition:*

*> 380°C*

### 10.5. Incompatible Materials

*Strong oxidizing agents.*

### 10.6. Hazardous Decomposition Products

*Carbon monoxide, carbon dioxide and nitrogen oxide.*

### 10.7. Further Information

---

## 11. Toxicological Information

### 11. 1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

*Acute Toxicity*

*LD50, oral: > 5000 mg/kg (rat)*

*LD50, dermal: > 3980 mg/kg (rabbit)*

*2-Ethyl-2-oxazoline: > 500 mg/kg (rabbit)*

*LC50, inhalation:*

*No information available.*

*Primary effects*

*Irritant effect on skin:*

*No information available*

*Irritant effect on eyes:*

*No information available.*

*Inhalation:*

*Ingestion:*

*No information available*

*Sensitization:*

*No sensitizing effects known.*

next page: 7

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



**63901 Aquazol® 50**

Page 7

Revised edition: 25.01.2024

Version: 12.1

Printed: 06.06.2025

*Mutagenicity:*

*No relevant data found.*

*Reproductive toxicity:*

*No relevant data found.*

*Carcinogenicity:*

*No relevant data found.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*No relevant data found.*

*Aspiration hazard:*

*Not applicable*

## 11. 2. Information on other Hazards

*No further information available.*

## 12. Ecological Information

### 12. 1. Aquatic Toxicity

*No information available.*

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

### 12. 2. Persistency and Degradability

*No information available.*

### 12. 3. Bioaccumulation

*2-Ethyl-2-oxazoline: Distribution coefficient (log POW): 0.198 (24° C, pH 7)*

### 12. 4. Mobility

*No data available.*

### 12. 5. Results of PBT- und vPvP Assessment

*No data available.*

### 12. 6. Endocrine Disrupting Properties

*No data available.*

### 12. 7. Other Adverse Effects

*Water hazard class:*

*Do not let run into surface waters, waste water or soil.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*No special effects or hazards known.*

*AOX Value:*

## 13. Disposal Considerations

next page: 8

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



**63901 Aquazol® 50**

Page 8

Revised edition: 25.01.2024

Version: 12.1

Printed: 06.06.2025

---

## 13. 1. Waste Treatment Methods

*Product:*

*Dispose of according to official national and local regulations.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Dispose of according to official local regulations.*

*Waste Code No.:*

---

## 14. Transport Information

### 14. 1. UN Number

*ADR, IMDG, IATA*

### 14. 2. UN Proper Shipping Name

*ADR/RID:*

*No hazardous goods according to ADR / DOT (US) (land transportation).*

*IMDG/IATA:*

*Not hazardous goods*

### 14. 3. Transport Hazard Classes

*ADR Class:*

*not applicable*

*Hazard no.:*

*Classification code:*

*Tunnel restriction code:*

*IMDG Class (sea):*

*not applicable*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*not applicable*

*Hazard no.:*

### 14. 4. Packaging Group

*ADR/RID:*

*not applicable*

*IMDG:*

*IATA:*

### 14. 5. Environmental Hazards

*None*

### 14. 6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

next page: 9

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



**63901 Aquazol® 50**

Page 9

Revised edition: 25.01.2024

Version: 12.1

Printed: 06.06.2025

14. 7. Maritime Transport in Bulk according to IMO Instruments

14. 8. Further Information

## 15. Regulatory Information

15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

*Water hazard class:*

*0, not hazardous (German Regulation)*

*Local regulations on chemical accidents:*

*Does not underlie the Accident Ordinance.*

*Employment restrictions:*

*Observe employment restrictions in accordance with the law on the protection of mothers at work, in training, and in education (Mutterschutzgesetz – MuSchG).*

*The employment restrictions for young workers in accordance with the Youth Employment Protection Law (§ 22 JArbSchG) are to be observed.*

*Restriction and prohibition of application:*

*EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: not applicable*

*Technical instructions on air quality:*

15. 2. Chemical Safety Assessment

*A Chemical Safety Assessment has not been carried out for this product.*

15. 3. Further Information

*EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): not regulated / not applicable*

*Regulation (EC) 649/2012 concerning the export and import of dangerous chemicals: Not applicable*

*Regulation (EU) 2019/1021 - Persistent organic pollutants: not regulated / not applicable*

*Regulation (EC) 1005/2009 - Substances that Deplete the Ozone Layer: not regulated / not applicable*

*Regulation (EU) No. 2019/1148, Annex I - Restricted Explosives Precursors (upper limit value for the purpose of licensing under Article 5(3)): None of the ingredients is listed.*

*Regulation (EC) 273/2004, On Drug Precursors, Category 3: None of the ingredients is listed.*

*HMIS-Ratings (USA): Health hazard: 0 (Normal Material);*

*Flammability: 0 (Will not burn); Reactivity: 0 (Stable)*

## 16. Other Information

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*