

**ZWALUW ACRYL CLEAR WT CRYSTAL CLEAR**  
Supersedes Date: 04-May-2020

Revision date 04-May-2020  
Revision Number 1

This Safety Data Sheet is prepared voluntarily: it is not required according to Article 31 of Regulation (EC) No 1907/2006

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

### **1.1. Product Identifier**

**Product Name** ZWALUW ACRYL CLEAR WT CRYSTAL CLEAR  
**Pure substance/mixture** Mixture

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

**Recommended use** Sealant.  
**Uses advised against** Not to be used in production of toys or childcare articles.

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

**Company Name**  
Bostik GmbH  
An der Bundesstrasse 16  
33829 Borgholzhausen, Germany  
Tel: +49 (0) 5425 / 801 0  
Fax: +49 (0) 5425 / 801 140

**E-mail address** SDS.box-EU@bostik.com

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

**Emergency Telephone** No information available

## **SECTION 2: Hazards identification**

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

Regulation (EC) No 1272/2008  
Not classified

### **2.2. Label Elements**

Not classified

**Signal word**  
None

**Hazard statements**  
Not classified

### **EU Specific Hazard Statements**

EUH208 - Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT]. May produce an allergic reaction.  
EUH210 - Safety data sheet available on request.

### **2.3. Other Hazards**

No information available

# SAFETY DATA SHEET

ZWALUW ACRYL CLEAR WT CRYSTAL CLEAR  
Supersedes Date: 04-May-2020

Revision date 04-May-2020  
Revision Number 1

## PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT) This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB)

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
Ethylene glycol	203-473-3	107-21-1	0.1- <1	STOT RE 2 (H373) Acute Tox. 4 (H302)		01-2119456816-28-XXXX
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT]	611-341-5	55965-84-9	<0.0015	Acute Tox. 3 (H301) Acute Tox. 2 (H310) Acute Tox. 2 (H330) Skin Corr. 1C (H314) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) M Factor Acute = 100 M Factor Chronic = 100	Eye Irrit. 2 :: 0.06%≤C<0.6% Skin Corr. 1B :: C≥0.6% Skin Irrit. 2 :: 0.06%≤C<0.6% Skin Sens. 1 :: C≥0.0015%	01-2120764691-48-XXXX

### Full text of H- and EUH-phrases: see section 16

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL

This product does not contain candidate substances of very high concern at a concentration ≥0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General advice

If medical advice is needed, have product container or label at hand. Show this safety data sheet to the doctor in attendance.

#### Inhalation

Remove to fresh air. IF exposed or concerned: Get medical advice/attention.

# SAFETY DATA SHEET

ZWALUW ACRYL CLEAR WT CRYSTAL CLEAR  
Supersedes Date: 04-May-2020

Revision date 04-May-2020  
Revision Number 1

Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
Skin contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.
Ingestion	Clean mouth with water. Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person.

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

Symptoms No information available.

## **4.3. Indication of any immediate medical attention and special treatment needed**

Note to doctors Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Full water jet. Do not scatter spilled material with high pressure water streams.

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

Specific hazards arising from the chemical Thermal decomposition can lead to release of toxic and corrosive gases/vapours.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrocarbons.

### **5.3. Advice for firefighters**

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions Ensure adequate ventilation. Avoid contact with skin, eyes or clothing.

Other information Ventilate the area. Prevent further leakage or spillage if safe to do so.

For emergency responders Use personal protection recommended in Section 8.

### **6.2. Environmental precautions**

Environmental precautions Do not flush into surface water or sanitary sewer system. Do not allow to enter into soil/subsoil. See Section 12 for additional Ecological Information.

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

Methods for containment Do not scatter spilled material with high pressure water streams.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

### **6.4. Reference to other sections**

# SAFETY DATA SHEET

ZWALUW ACRYL CLEAR WT CRYSTAL CLEAR  
Supercedes Date: 04-May-2020

Revision date 04-May-2020  
Revision Number 1

Reference to other sections See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling** Ensure adequate ventilation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Take off all contaminated clothing and wash it before reuse.

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

**Storage Conditions** Keep from freezing.

### 7.3. Specific end use(s)

**Specific Use(s)**  
Sealant.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**Other information** Observe technical data sheet.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Exposure Limits

Only European Community Occupational Exposure Limits will be shown in this document. Please refer to regional SDS for further information.

**Derived No Effect Level (DNEL)** No information available

Derived No Effect Level (DNEL)	
Ethylene glycol (107-21-1)	
Type	worker Long term Systemic health effects
Exposure route	Dermal
Derived No Effect Level (DNEL)	106 mg/kg bw/d

Type	worker Long term Systemic health effects
Exposure route	Inhalation
Derived No Effect Level (DNEL)	35 mg/m <sup>3</sup>

Derived No Effect Level (DNEL)	
Ethylene glycol (107-21-1)	
Type	Consumer Long term Systemic health effects
Exposure route	Dermal
Derived No Effect Level (DNEL)	53 mg/kg bw/d

Type	Consumer Long term Local health effects
Exposure route	Inhalation
Derived No Effect Level (DNEL)	7 mg/m <sup>3</sup>

# SAFETY DATA SHEET

ZWALUW ACRYL CLEAR WT CRYSTAL CLEAR  
Supercedes Date: 04-May-2020

Revision date 04-May-2020  
Revision Number 1

**Predicted No Effect Concentration (PNEC)** No information available.

Predicted No Effect Concentration (PNEC)	
Ethylene glycol (107-21-1)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	10 mg/l
Marine water	1 mg/l
Freshwater sediment	37 mg/kg dry weight
Marine sediment	3.7 mg/kg dry weight
Soil	1.53 mg/kg dry weight
Microorganisms in sewage treatment	199.5 mg/l

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT]  
(55965-84-9)

## 8.2. Exposure controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles). Avoid contact with eyes. Eye protection must conform to standard EN 166
<b>Hand protection</b>	Wear suitable gloves. Gloves must conform to standard EN 374. Recommended Use: Neoprene™. Nitrile rubber. Butyl rubber. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The breakthrough time for the mentioned glove material is in general greater than 480 min. Gloves should be replaced regularly and if there is any sign of damage to the glove material.
<b>Skin and body protection</b>	Wear protective gloves and protective clothing. Avoid contact with skin, eyes or clothing.
<b>Respiratory protection</b>	During spraying wear suitable respiratory equipment.

**Environmental exposure controls** Do not allow uncontrolled discharge of product into the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Paste
<b>Colour</b>	Clear, colourless
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	No information available

Property	Values	Remarks • Method
pH	No data available	
Melting point / freezing point	No data available	
Boiling point / boiling range	100 °C	
Flash point	No data available	
Evaporation rate	No data available	
Flammability (solid, gas)	Not applicable for liquids	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapour pressure	< 1100	hPa @ 50 °C
Vapour density	No data available	
Relative density	No data available	
Water solubility	Miscible in water	
Solubility(ies)	No data available	

# SAFETY DATA SHEET

ZWALUW ACRYL CLEAR WT CRYSTAL CLEAR  
Supersedes Date: 04-May-2020

Revision date 04-May-2020  
Revision Number 1

Partition coefficient	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available

## 9.2. Other information

Solid content (%)	No information available
VOC Content (%)	<= 3.0 g/L / 0.29 %
Density	1.05 g/cm <sup>3</sup>

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	No information available.
------------	---------------------------

### 10.2. Chemical stability

Stability	Stable under normal conditions.
-----------	---------------------------------

#### Explosion Data

Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None under normal processing.
------------------------------------	-------------------------------

### 10.4. Conditions to avoid

Conditions to avoid	Keep from freezing.
---------------------	---------------------

### 10.5. Incompatible materials

Incompatible materials	None known based on information supplied.
------------------------	---

### 10.6. Hazardous decomposition products

Hazardous decomposition products	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Hydrocarbons.
----------------------------------	---

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Information on likely routes of exposure

Product Information	.
Inhalation	Based on available data, the classification criteria are not met.
Eye contact	Based on available data, the classification criteria are not met.
Skin contact	Based on available data, the classification criteria are not met.
Ingestion	Based on available data, the classification criteria are not met.

# SAFETY DATA SHEET

ZWALUW ACRYL CLEAR WT CRYSTAL CLEAR  
Supersedes Date: 04-May-2020

Revision date 04-May-2020  
Revision Number 1

## Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

## Numerical measures of toxicity

### Acute Toxicity

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene glycol 107-21-1	ATE 500 mg/kg	= 10600 mg/kg (Rattus) = 9530 µL/kg (Oryctolagus cuniculus)	
reaction mass of 5-chloro-2-methyl-2H-isothiazol- 3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] 55965-84-9	=53 mg/kg (Rattus)	LD50 = 87.12 mg/kg (Oryctolagus cuniculus)	

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**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.

**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

#### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to Micro-organisms	Crustacea	M-Factor	M-Factor (long-term)
Ethylene glycol 107-21-1	EC50: 6500 - 13000mg/L	LC50 96 h = 16000 mg/L	EC50 = 10000 mg/L 16 h	EC50: =46300mg/L		

# SAFETY DATA SHEET

**ZWALUW ACRYL CLEAR WT CRYSTAL CLEAR**  
**Supersedes Date:** 04-May-2020

**Revision date** 04-May-2020  
**Revision Number** 1

	(96h, Pseudokirchneriella subcapitata)	(Poecilia reticulata static)	EC50 = 620 mg/L 30 min EC50 = 620.0 mg/L 30 min	(48h, Daphnia magna)		
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] 55965-84-9	EC50 (72h) = 0.048 mg/L (Pseudokirchneriella subcapitata) (OECD 201)	EC50 (96h) = 0.22 mg/L (Oncorhynchus mykiss) (OECD 211)	-	EC50 (48h) = 0.1 mg/L (Daphnia magna) (OECD 202)	100	100

## 12.2. Persistence and degradability

**Persistence and degradability** No information available.

## 12.3. Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

## Component Information

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Ethylene glycol 107-21-1	-1.36	-
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] 55965-84-9	-	3.16

## 12.4. Mobility in soil

**Mobility in soil** No information available.

## 12.5. Results of PBT and vPvB assessment

### PBT and vPvB assessment

Chemical name	PBT and vPvB assessment
Ethylene glycol 107-21-1	The substance is not PBT / vPvB PBT assessment does not apply
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] 55965-84-9	The substance is not PBT / vPvB

## 12.6. Other adverse effects

**Other adverse effects** No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Waste from residues/unused products** Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

**Contaminated packaging** Do not reuse empty containers. Handle contaminated packages in the same way as the product itself.



# SAFETY DATA SHEET

ZWALUW ACRYL CLEAR WT CRYSTAL CLEAR  
Supersedes Date: 04-May-2020

Revision date 04-May-2020  
Revision Number 1

**European Waste Catalogue** 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

**Other information** Waste codes should be assigned by the user based on the application for which the product was used.

## SECTION 14: Transport information

**Note:** Keep from freezing.

### Land transport (ADR/RID)

14.1 UN Number	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	None

### IMDG

14.1 UN number	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Marine Pollutant	Np
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

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

14.1 UN number	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	None

## Section 15: REGULATORY INFORMATION

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

#### European Union

#### Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

##### **SVHC: Substances of Very High Concern for Authorisation:**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

##### **EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction**

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

##### **Substance subject to authorisation per REACH Annex XIV**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

##### **Biocidal Products Regulation (EU) No 528/2012 (BPR)**

# SAFETY DATA SHEET

**ZWALUW ACRYL CLEAR WT CRYSTAL CLEAR**  
**Supersedes Date:** 04-May-2020

**Revision date** 04-May-2020  
**Revision Number** 1

Contains a biocide : Contains C(M)IT/MIT (3:1). May produce an allergic reaction

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**  
Not applicable

**Persistent Organic Pollutants**  
Not applicable

## National Regulations

### France

Chemical name	French RG number
Ethylene glycol 107-21-1	RG 84 RG 5, RG 14, RG 15, RG 15bis, RG 20bis

### Germany

**Ordinance on Industrial Safety and Health - Germany - BetrSichV**  
No flammable liquids in accordance with BetrSichV

**Water hazard class (WGK)** slightly hazardous to water (WGK 1)

**TRGS - 510 Storage Class** Storage Class 12 : Non-combustible liquids

### Netherlands

**List of Carcinogenic, mutagenic and reproductive toxin substances in accordance with Inspectorate SZW (Netherlands)**  
Not Listed

## 15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

## **SECTION 16: Other information**

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

H301 - Toxic if swallowed  
H302 - Harmful if swallowed  
H310 - Fatal in contact with skin  
H314 - Causes severe skin burns and eye damage  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H330 - Fatal if inhaled  
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

#### **Legend**

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Ceiling Limit Value
*	Skin designation

# SAFETY DATA SHEET

**ZWALUW ACRYL CLEAR WT CRYSTAL CLEAR**  
**Supersedes Date:** 04-May-2020

**Revision date** 04-May-2020  
**Revision Number** 1

---

SVHC	Substance(s) of Very High Concern
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB	Very Persistent and very Bioaccumulative (vPvB) Chemicals
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure
EWC	European Waste Catalogue

## Key literature references and sources for data

No information available

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 04-May-2020

## Indication of changes

**Revision note** SDS sections updated, 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16.

**Training Advice** No information available

**Further information** No information available

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**