



# SÜDWEST AquaVision 2K- All-Grund Komp. A

## 2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word	:	Danger
Hazard statements	:	H317 May cause an allergic skin reaction. H318 Causes serious eye damage.
Precautionary statements	:	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. <b>Prevention:</b> P280 Wear protective gloves/ eye protection/ face protection. <b>Response:</b> P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. <b>Disposal:</b> P501 Contents/container to be disposed of through approved disposal contractor or taken to municipal collection point.

### Hazardous components which must be listed on the label:

epoxy resin - amine adduct (Polymer)  
1,2-benzisothiazol-3(2H)-one  
2-methyl-2H-isothiazol-3-one

## 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
epoxy resin - amine adduct (Polymer)	Not Assigned	Eye Dam. 1; H318	≥ 10 - < 20
barium salts	13466-20-1 236-715-1 056-002-00-7 01-2120762057-54	Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Dam. 1; H318	≥ 1 - < 3
2-methyl-2H-isothiazol-3-one	2682-20-4 220-239-6	Acute Tox. 3; H301 Acute Tox. 3; H311	≥ 0,0025 - < 0,025

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	01-2120764690-50-XXXX	<p>Acute Tox. 2; H330 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071</p> <hr/> <p>M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 1</p> <hr/> <p>specific concentration limit Skin Sens. 1A ≥ 0,0015 %</p>	
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6 01-2120761540-60-XXXX	<p>Acute Tox. 4; H302 Acute Tox. 2; H330 Eye Dam. 1; H318 Skin Irrit. 2; H315 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410</p> <hr/> <p>M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1</p> <hr/> <p>specific concentration limit Skin Sens. 1A ≥ 0,036 %</p> <hr/> <p>Acute toxicity estimate  Acute oral toxicity: 450 mg/kg Acute inhalation toxicity: 0,21 mg/l</p>	≥ 0,0025 - < 0,025

For explanation of abbreviations see section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

General advice

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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	Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
Inhalation	Remove to fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
Skin contact	Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. If skin irritation persists, call a physician.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Obtain medical attention. Keep at rest.

#### 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

Treatment Treat symptomatically.  
No information available.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable extinguishing media Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Water spray

Unsuitable extinguishing media High volume water jet

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

Fire may cause evolution of:  
Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)  
Nitrogen oxides (NO<sub>x</sub>)  
Exposure to decomposition products may be a hazard to health.

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### Additional advice

Use water spray to cool unopened containers.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and

Ensure adequate ventilation.  
Do not breathe vapours.

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## emergency procedures

### 6.2 Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.

If the product contaminates rivers and lakes or drains inform respective authorities.

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

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

Clean contaminated surface thoroughly.

Clean with detergents. Avoid solvents.

Dispose of contaminated material as waste according to item 13.

### 6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### Advice on safe handling

Avoid contact with skin and eyes.

Prevent unauthorized access.

Provide sufficient air exchange and/or exhaust in work rooms.

Comply with the statutory regulations on health and safety at work.

#### Hygiene measures

Wash hands before breaks and at the end of workday.

When using do not eat, drink or smoke.

Remove and wash contaminated clothing and gloves, including the inside, before re-use.

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

#### Requirements for storage areas and containers

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Store in original container.

Observe label precautions.

Protect from frost, heat and sunlight.

#### Advice on common storage

Keep away from oxidizing agents and strongly acid or alkaline materials.

### 7.3 Specific end use(s)

For further information, see also Technical Data Sheet for the product.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

The lists that were valid during the creation were used as basis.

Monitoring procedures for the assessment of workplace exposure: standard EN 482

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## 8.2 Exposure controls

### Engineering measures

Provide adequate ventilation.

### Personal protective equipment

Eye/face protection : Wear protective goggles for protection against splashed liquid.

Safety glasses with side-shields conforming to EN166

### Hand protection

Material : Nitrile rubber

Glove thickness : 0,2 mm

Wearing time : < 20 min

Material : Nitrile rubber

Glove thickness : 0,4 mm

Wearing time : > 480 min

Remarks : Gloves made of the following materials are suitable as protection from splashes: Gloves made of nitrile rubber, e.g. KCL 743 Dermatril® P (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent. Wetted gloves must be disposed of immediately!

Gloves in the following material can be used for prolonged contact up to max. 8 hours:

Gloves made of nitrile rubber, e.g. KCL 730 Camatril® Velours (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent. Dispose of wetted gloves at the end of the shift!

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Cotton undergloves are recommendable when wearing protective gloves! To avoid skin problems reduce the wearing of gloves to the required minimum. Only use chemical-protective gloves with CE-labelling of category III.

Skin and body protection : Work clothes

Skin should be washed after contact.

Do NOT use solvents or thinners.

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Respiratory protection : No personal respiratory protective equipment normally required.  
In case of insufficient ventilation, wear suitable respiratory equipment.  
Respiratory protection during spray application  
Filter A2/P2  
Respiratory protection complying with EN 143.

## Environmental exposure controls

Air : Avoid release to the environment.  
Soil : Avoid subsoil penetration.  
Water : Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state : liquid  
  
Colour : white  
  
Odour : mild  
  
Odour Threshold : No data available  
  
Melting point/freezing point : No data available  
  
Initial boiling point and boiling : No data available

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range

Upper explosion limit / Upper  
flammability limit : No data available

Lower explosion limit / Lower  
flammability limit : No data available

Flash point : > 100 °C

Decomposition temperature : No data available

pH : ca. 7 - 8 (20 °C)  
Concentration: 100 %

Viscosity  
Viscosity, dynamic : viscous

Flow time : No data available

Solubility(ies)  
Water solubility : partly soluble

Partition coefficient: n-  
octanol/water : not determined

Vapour pressure : No data available

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Density : ca. 1,62 g/cm<sup>3</sup> (20 °C)  
Method: DIN 53217

Relative vapour density : No data available

## 9.2 Other information

Explosives : Not explosive

Oxidizing properties : Not applicable

Flammability (liquids) : Not applicable

Self-ignition : not auto-flammable

Evaporation rate : not applicable

Solvent separation : 3 %(V)

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under normal conditions.

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## 10.3 Possibility of hazardous reactions

Hazardous reactions This information is not available.

## 10.4 Conditions to avoid

Conditions to avoid Stable under recommended storage and handling conditions (see section 7).

## 10.5 Incompatible materials

Materials to avoid Strong acids and strong bases  
Strong oxidizing agents

## 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

##### Product:

Acute oral toxicity Acute toxicity estimate: > 2.000 mg/kg  
Method: Calculation method

Acute inhalation toxicity Acute toxicity estimate: > 20 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Calculation method

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

#### Components:

##### **barium salts:**

Acute oral toxicity Harmful if swallowed.

Acute inhalation toxicity Harmful if inhaled.

##### **2-methyl-2H-isothiazol-3-one:**

Acute oral toxicity Toxic if swallowed.

Acute inhalation toxicity Assessment: Corrosive to the respiratory tract.  
Toxic if inhaled.

Acute dermal toxicity Toxic in contact with skin.

##### **1,2-benzisothiazol-3(2H)-one:**

Acute oral toxicity Acute toxicity estimate: 450 mg/kg  
Method: Expert judgement

Acute inhalation toxicity Acute toxicity estimate: 0,21 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Expert judgement

#### **Skin corrosion/irritation**

##### Product:

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

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**Components:****2-methyl-2H-isothiazol-3-one:**

Causes severe skin burns and eye damage.

**1,2-benzisothiazol-3(2H)-one:**

Causes skin irritation.

**Serious eye damage/eye irritation****Product:**

Causes serious eye damage.

**Components:****epoxy resin - amine adduct (Polymer):**

Causes serious eye damage.

**barium salts:**

Causes serious eye damage.

**2-methyl-2H-isothiazol-3-one:**

Causes serious eye damage.

**1,2-benzisothiazol-3(2H)-one:**

Causes serious eye damage.

**Respiratory or skin sensitisation****Product:**

May cause an allergic skin reaction.

**Components:****2-methyl-2H-isothiazol-3-one:**

May cause an allergic skin reaction.

**1,2-benzisothiazol-3(2H)-one:**

May cause an allergic skin reaction.

**Germ cell mutagenicity****Product:**

Genotoxicity in vitro

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

**Carcinogenicity****Product:**

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

**Reproductive toxicity****Product:**

Effects on fertility

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

Developmental Toxicity

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

**STOT - single exposure****Product:**

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

**STOT - repeated exposure****Product:**

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

**Aspiration toxicity****Product:**

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

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## Further information

### Product:

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

## 11.2 Information on other hazards

### Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## Further information

### Product:

Remarks : The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Product:

Toxicity to fish No data available

#### Components:

##### **2-methyl-2H-isothiazol-3-one:**

Toxicity to fish	LC50 (Fish): 4,77 mg/l Exposure time: 96 h Test Type: flow-through test Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	LC50 (Daphnia magna (Water flea)): 0,934 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	NOEC (Pseudokirchneriella subcapitata (algae)): 0,05 mg/l Exposure time: 120 h Test Type: static test  EC50 (Pseudokirchneriella subcapitata (algae)): 0,138 mg/l Exposure time: 120 h Test Type: static test
M-Factor (Acute aquatic toxicity)	10
Toxicity to microorganisms	EC50 (activated sludge): 41 mg/l Exposure time: 3 h Method: OECD Test Guideline 209
Toxicity to fish (Chronic toxicity)	NOEC: 2,38 mg/l Exposure time: 98 d Species: Oncorhynchus mykiss (rainbow trout) Method: OECD Test Guideline 210
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC: 0,044 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea)

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	Method: OECD Test Guideline 211
M-Factor (Chronic aquatic toxicity)	1
<b>1,2-benzisothiazol-3(2H)-one:</b> Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)): 2,2 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia (water flea)): 3,27 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	EC50 (Selenastrum capricornutum (green algae)): 0,11 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
	NOEC (Selenastrum capricornutum (green algae)): 0,04 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
M-Factor (Acute aquatic toxicity)	1
Toxicity to fish (Chronic toxicity)	NOEC: 0,21 mg/l Exposure time: 28 d Species: Oncorhynchus mykiss (rainbow trout) Method: OECD Test Guideline 215
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC: 1,2 mg/l Exposure time: 21 d Species: Daphnia (water flea) Method: OECD Test Guideline 211
M-Factor (Chronic aquatic toxicity)	1
<b>12.2 Persistence and degradability</b>	
<b><u>Product:</u></b> Biodegradability	No data available
<b><u>Components:</u></b> <b>2-methyl-2H-isothiazol-3-one:</b> Biodegradability	Readily biodegradable.
<b>1,2-benzisothiazol-3(2H)-one:</b> Biodegradability	not rapidly degradable
<b>12.3 Bioaccumulative potential</b>	
<b><u>Product:</u></b> Bioaccumulation	No data available
<b><u>Components:</u></b> <b>2-methyl-2H-isothiazol-3-one:</b> Bioaccumulation	Bioconcentration factor (BCF): 3,16
<b>1,2-benzisothiazol-3(2H)-one:</b> Partition coefficient: n-octanol/water	log Pow: 0,7 Method: OECD Test Guideline 117
<b>12.4 Mobility in soil</b>	
<b><u>Product:</u></b>	

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Mobility No data available

## 12.5 Results of PBT and vPvB assessment

### Product:

Assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

## 12.6 Endocrine disrupting properties

### Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## 12.7 Other adverse effects

### Product:

Additional ecological information

Do not allow product to enter into ground water, bodies of water or sewage systems.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Product

The user is responsible for proper coding and marking of any waste. Dispose of as special waste in compliance with local and national regulations. Partial and residual quantities can be reused.

Contaminated packaging

Packaging that is not properly emptied must be disposed of as the unused product. Empty packaging should be recycled through disposal systems.

Waste key for the unused product

08 01 11\* waste paint and varnish containing organic solvents or other hazardous substances

(\* ) hazardous waste in terms of the European directive 2008/98/EG

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN number or ID number

Not regulated as a dangerous good

### 14.2 UN proper shipping name

Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

### 14.4 Packing group

Not regulated as a dangerous good

### 14.5 Environmental hazards

### 14.6 Special precautions for user

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Remarks This information is not available.

## 14.7 Maritime transport in bulk according to IMO instruments

Remarks Not applicable

## SECTION 15: REGULATORY INFORMATION

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

VOC  
Directive 2010/75/EU 0 %

VOC  
Directive 2004/42/EC 0 %

EU limit value for this product (cat. A/j) :140 g/lThis product contains  
max140 g/lVOC.

Regulation (EU) No 649/2012 of  
the European Parliament and the  
Council concerning the export and  
import of dangerous chemicals Not applicable

REACH - Restrictions on the  
manufacture, placing on the  
market and use of certain  
dangerous substances, mixtures  
and articles (Annex XVII) Conditions of restriction for the following entries should be considered:  
(75, 3)barium salts

Other regulations Comply with the statutory regulations on health and safety at work.

### 15.2 Chemical safety assessment

This information is not available.

## SECTION 16: OTHER INFORMATION

Changes from the previous version are indicated by markings in the left-hand margin.  
The information in this Safety Data Sheet corresponds to our present state of knowledge and  
conforms to both national and EU legislation. The user's working conditions are, however,  
beyond our knowledge and control. The user is responsible for complying with all necessary  
legal requirements. The information in this Safety Data Sheet describes the safety requirements  
of our product and does not constitute any assurance of product properties.

### Full text of H-Statements

H301 : Toxic if swallowed.



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