

**RCT Sianol-W**

Page 1 of 6

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

**1.1. Product identifier**

RCT Sianol-W

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

**Use of the substance/mixture**

Building protection products

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

Company name: Reisacher Chemie & Technik GmbH  
Street: Hermann-Krum-Str. 7  
Place: 88319 Aitrach (Germany)  
Phone: +49 7565 942687 - 0   Telefax: +49 7565 942687 - 90  
E-Mail: info@rct-germany.de  
Contact person: Dr. Rockermaier  
E-Mail: m.rockermaier@rct-germany.de  
Homepage: www.rct-germany.de  
Informing department: Laboratory

**1.4. Emergency phone number:**

+49 7565 942687 - 0

The emergency number is only available on weekdays (Mon-Fri) from 8:30 to 16:00 (CET).

**SECTION 2: Possible hazards**

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

The mixture is classified as non-hazardous according to Regulation (EC) No 1272/2008 [CLP].

**2.2. Label elements:**

**Regulation (EC) No. 1272/2008**

**Safety advice**

P261                    Avoid inhalation of mist/aerosol.  
P262                    Do not get in eyes, on skin or on clothing.

**Note on labeling**

The product does not require labeling according to EC Directives or national laws.

**2.3. Other hazards**

No hazards requiring special mention. Please observe in any case the information of the safety data sheet.

**SECTION 3: Composition/Information on ingredients**

**3.1. Mixtures**

**Chemical characterization**

Aqueous polymer dispersion.

**Further information**

This mixture does not contain any ingredients that are hazardous to health or the environment as defined in Regulation (EC) No 1272/2008, assigned a Community Occupational Exposure Limit, classified PBT / vPvB or included in the candidate list.

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General advice**

Change soiled, saturated clothing.

**After inhalation**

Remove affected person to fresh air and keep warm and quiet.  
In all cases of doubt or if symptoms are present, seek medical advice.

**After contact with skin**

Wash with plenty of water/soap.

**After contact with eyes**

Immediately rinse cautiously and thoroughly with eye wash or with water.  
Consult an ophthalmologist.

**After ingestion**

Immediately rinse mouth and drink plenty of water.

**RCT Sianol-W**

Page 2 of 6

If symptoms occur or in case of doubt, seek medical advice.

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

No symptoms known so far.

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

Symptomatic treatment.

**SECTION 5: Fire fighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Adapt extinguishing measures to the surroundings.

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

The product itself does not burn.

In case of fire may be formed: Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO)

**5.3. Advice for fire fighting**

Use suitable breathing apparatus.

Collect contaminated extinguishing water separately. Do not allow to enter drains or water courses.

**SECTION 6: Accidental release measures**

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

Avoid contact with skin, eyes and clothing. Use personal protective equipment.

**6.2. Environmental precautions**

Do not allow to enter drains or water courses.

Do not allow to enter subsoil/soil.

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

Absorb with liquid-binding material (sand, diatomaceous earth, acid binders, universal binders). Handle absorbed material according to disposal section.

**6.4. Reference to other sections**

Safe handling, see section 7.

Personal protective equipment see section 8.

Disposal, see section 13.

**SECTION 7: Handling and storage**

**7.1. Protective measures for safe handling**

**Precautions for safe handling**

Ensure adequate ventilation. Do not inhale aerosol. Avoid contact with skin, eyes and clothing.

**Information on general hygiene measures at the workplace.**

Change soiled, saturated clothing. Do not eat or drink while working. Wash hands before breaks and at the end of work.

**Further handling information**

Further information: See section 8.

**7.2. Conditions for safe storage taking into account incompatibilities**

**Requirements for storage rooms and containers**

Keep container tightly closed.

Storage temperature: 5 - 30 °C.

**Further information on storage conditions**

Packaging materials: polyethylene, stainless steel.

Storage class according to TRGS 510:

12 (Non-flammable liquids that cannot be assigned to any of the above LGKs).

**7.3. Specific end use**

No identified use(s).

**SECTION 8: Exposure controls/personal protection**

**8.1. Parameters to be monitored**

**Additional notes on limit values**

No national limit values have been established to date.

**RCT Sianol-W**

**8.2. Exposure controls and monitoring**

**Suitable technical control equipment**

Ensure adequate ventilation.

**Eye/face protection**

Tightly fitting safety goggles. (DIN EN 166).

**Hand protection**

Suitable glove type: gauntlet gloves. (DIN EN 374)

For short-term hand contact: Disposable gloves.

Suitable material:

- NBR (nitrile rubber): material thickness: 0.35 mm, breakthrough time: > 480 min.

The design of chemical protective gloves must be selected specifically for the workplace, depending on the concentration and quantity of hazardous substances.

**Body protection**

Wear only suitable, comfortably fitting and clean protective clothing.

**Respiratory protection**

In case of fine dispersion/spraying/misting: Do not inhale aerosol.

If technical extraction or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Suitable respiratory equipment: Filtering half mask (DIN EN 149), filter: A.

**Environmental exposure controls**

Do not allow to enter drains or water courses. Do not allow to enter underground/soil.

**SECTION 9: Physical and chemical properties**

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

Physical state:		liquid
Color:		white
Odor:		characteristic
pH value:		8
Melting point:		not determined
Initial boiling point and boiling range:		100 °C
Flash point:		not flammable
Flammability solid:		liquid
Flammability gas:		not applicable
Explosion hazards:		not explosive according to EU A.14
Lower explosion limit:		not explosive
Upper explosion limit:		not explosive
Ignition temperature:		not flammable
Auto-ignition temperature solid:		liquid
Auto-ignition temperature gas:		not applicable
Decomposition temperature:		not determined
Oxidizing properties:		non-flammable (oxidizing) properties.
Vapor pressure:	(at 20 °C)	23 hPa calculated
Density:	(at 21 °C)	approx. 1.0 g/cm <sup>3</sup> ISO 2811
Solubility in water:	(at 21 °C)	miscible
Solubility in other solvents:		not determined
Partition coefficient:		not determined
Time to elapse:		not applicable
Vapor density:		not applicable

**9.2. Other information**

Odor threshold:		no information available
Solvent content (%):		0
Solids content (%):		23

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No hazardous reactions will occur if handled and stored as directed.

**RCT Sianol-W**

Page 4 of 6

**10.2. Chemical stability**

The product is stable when stored at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No dangerous reactions are known.

**10.4. Conditions to avoid**

Heat, frost.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

No hazardous decomposition products are known.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Akute toxicity**

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

**Irritant and corrosive effect**

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

**Sensitizing effects**

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

**Carcinogenic, mutagenic and toxic for reproduction effects**

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

**Specific target organ toxicity (single exposure)**

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

**Specific target organ toxicity in case of repeated exposure**

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

**Aspiration hazard**

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

**Other test data**

Classification of mixtures and assessment method used according to Regulation (EC) No 1272/2008 [CLP].

There are no data for the preparation/mixture itself.

**SECTION 12: Environmental information**

**12.1. Toxicity**

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

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII.

**12.6. Other adverse effects**

No information is available.

**Further information**

Classification of mixtures and assessment method used according to Regulation (EC) No 1272/2008 [CLP] No data are available for the mixture. The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the individual components (see section 3).

**SECTION 13: Disposal considerations**

**13.1. Waste treatment procedures**

**Recommendation**

Do not allow to enter drains or water courses. Do not allow to enter subsoil/earth.

Dispose of in accordance with official regulations.

**RCT Sianol-W**

Page 5 of 6

**Waste code Product**

080120 WASTES FROM PRODUCTION, PREPARATION, DISTRIBUTION AND APPLICATION (MFSU) OF COATINGS (PAINTS, VARNISHES, ENAMEL), ADHESIVES, SEALING MATERIALS AND PRINTING INKS; wastes from MFSU and removal of paints and varnishes; aqueous suspensions containing paints or varnishes other than those mentioned in 08 01 19

**Waste code uncleaned packaging**

150102 PACKAGING WASTE, SUPPLIES, WIPING CLOTHES, FILTER MATERIALS AND PROTECTIVE CLOTHING (A.N.G.); packaging (including separately collected municipal packaging waste); plastic packaging.

**Disposal of uncleaned packaging and recommended cleaning agents.**

Contaminated packaging should be treated in the same way as the substance. Non-contaminated and empty packaging packaging can be recycled.

**SECTION 14: Transport information**

**Land transport (ADR/RID)**

No dangerous goods within the meaning of these transport regulations.

**Inland waterway transport (ADN)**

No dangerous goods within the meaning of these transport regulations.

**Marine transport (IMDG)**

No dangerous goods within the meaning of these transport regulations.

**Air transport (ICAO)**

No dangerous goods within the meaning of these transport regulations.

**14.5. Environmental hazards**

DANGEROUS FOR THE ENVIRONMENT: no

**14.6. Special precautions for user**

Keep away from food, drink and animal feeding stuffs.

**14.7. Bulk transport according to Annex II of the MARPOL Convention and according to the IBC Code**

not applicable

**SECTION 15: Legislation**

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

**EU regulations**

Information on VOC Directive 2004/42/EC: VOC value: 0.0 g/L (0 %)

**National regulations**

Water hazard class: 1 - slightly hazardous for water.  
Status: Mixture rule according to Annex 1 No. 5 AwSV

**15.2. Chemical safety assessment**

A chemical safety assessment for substances in this mixture have not been carried out.

**SECTION 16: Other information**

**Abbreviations and acronyms**

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 Harmonized 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  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%  
ATE: acute toxicity estimates  
ECHA: european chemicals agency  
(<http://echa.europa.eu/information-on-chemicals>)  
GESTIS: Gefahrstoffinformationssystem der Deutschen Gesetzlichen Unfallversicherung  
(<http://dguv.de/ifa/GESTIS/GESTIS-Stoffdatenbank/index.jsp>)

**MSDS:**

The data of the hazardous ingredients were taken from the latest safety data sheet of the supplier.

**Further information**

The data of the hazardous ingredients were taken from the latest safety data sheet of the supplier. The information is based on our present knowledge, but does not constitute a guarantee of product properties and does not establish a contractual legal relationship.