

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

WR 101, water repellent.

1.2 Relevant identified uses of the substance or mixture

Used on exterior surfaces of structures as water repellent.

1.3 Details of the supplier of the safety data sheet

Company name: Sozeri Industry Co. Inc.
Address: Ankara-Izmir Road Turgutlu 8. Km
Manisa/Turkey
Telephone: +90 212 276 62 62
Website: www.tic-m.com
Email: info@tic-m.com

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**According to UN GHS criteria

Skin Corr./Irrit. 2

Aquatic Chronic 3

For the classifications not written out in full in this section the full text can be found in section 16.

2.2 Label elements**Pictogram:****Signal Word:** Danger**Hazard Statement:**

H315 Causes skin irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statement:

P102 Keep out of reach of children.

Prevention:

P280 Wear protective gloves and eye/face protection.

P273 Avoid release to the environment.

P264 Wash with plenty of water and soap thoroughly after handling.

Response:

P303 + P352 IF ON SKIN: Wash with plenty of soap and water.

P332 + P313 If skin irritation occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

2.3 Other hazards

According to UN GHS criteria

If applicable information is provided in this section on other hazards which do not result in classification, but which may contribute to the overall hazards of the substance or mixture.

SECTION 3: Composition/Information on Ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical nature

emulsion
organic compounds

Hazardous ingredients (GHS)

According to UN GHS criteria

Triethoxyoctylsilane

Content (W/W): $\geq 10\%$ - $< 25\%$
CAS Number: 2943-75-1
EC-Number: 220-941-2

Flam. Liq. 3
Skin Corr./Irrit. 2
H226, H315

Cetrimonium chloride

Content (W/W): $\geq 0,2\%$ - $< 1\%$
CAS Number: 112-02-7
EC-Number: 203-928-6

Acute Tox. 4 (oral)
Acute Tox. 3 (dermal)
Skin Corr./Irrit. 1C
Eye Dam. /Irrit. 1
Aquatic Acute 1
Aquatic Chronic 1
M-factor acute: 10
H311, H302, H314, H400, H410

For the classifications not written out in full in this section the full text can be found in section 16.

SECTION 4: First-Aid Measures

4.1 Description of first aid measures

4.1.1 General information

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

4.1.2 If inhaled

Keep patient calm, remove to fresh air. If symptoms persist, seek medical advice.

4.1.3 On skin contact

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

4.1.4 On contact with eyes

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

4.1.5 On ingestion

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

4.3.1 Treatment

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5: Fire-Fighting Measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Foam, water spray, dry powder, carbon dioxide.

5.1.2 Unsuitable extinguishing media for safety reasons

Water jet

5.2 Special hazards arising from the substance or mixture

Carbon dioxide, carbon monoxide, harmful vapors, nitrogen oxides, fumes/smoke, carbon black.

5.3 Advice for fire-fighters

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information

The degree of risk is governed by the burning substance and the fire conditions. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing dust/fume/gas/mist/vapors/spray. Wear eye/face protection. Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

6.2 Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

For small amounts: Pick up with suitable appliance and dispose of. Dispose of absorbed material in accordance with regulations.

For large amounts: Pick up with suitable appliance and dispose of. Dispose of absorbed material in accordance with regulations.

6.4 Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Avoid inhalation of dusts/mists/vapors. Avoid skin contact. Ensure adequate ventilation. No special measures necessary provided product is used correctly.

7.1.1 Protection against fire and explosion

The product is neither self-ignitable, nor an explosion hazard, nor does it promote fires.

7.2 Conditions for safe storage, including any incompatibilities

Observe German Chemical Industry Association (VCI) storage rules.

7.2.1 Suitable materials for containers

tinned carbon steel (Tinplate)

7.2.2 Further information on storage conditions

Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters

Components with occupational exposure limits

1305-62-0: Calcium dihydroxide
1317-65-3: Limestone
14808-60-7: Quartz (SiO₂).

8.2 Exposure controls

Personal protective equipment

8.2.1 Respiratory protection

Wear respiratory protection if ventilation is inadequate. Combination filter for gases/vapors of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

8.2.2 Hand protection

impermeable gloves
Synthetic rubber gloves

8.2.3 Eye protection

Safety glasses with side-shields (frame goggles) (e.g. EN 166).

8.2.4 Body protection

Body protection must be chosen based on level of activity and exposure.

8.2.5 General safety and hygiene measures

Do not inhale dust/fumes/aerosols. Avoid contact with the skin, eyes and clothing. Avoid exposure obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks). When using do not eat or drink.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Form:	liquid
Color:	white
Odor:	almost odorless
Odor threshold:	No applicable information available.
pH value:	approx. 7 - 8 (20 °C)
Melting point:	approx. 0 °C, Information applies to the solvent
Boiling point:	approx. 100 °C

Flash point:	A flash point determination is unnecessary due to the high-water content.
Evaporation rate:	not determined
Flammability:	not flammable
Flammability of Aerosol Products:	not applicable, the product does not form flammable aerosols
Lower explosion limit:	dropped
Ignition temperature:	Study does not need to be conducted.
Vapor pressure:	The product has not been tested.
Density:	approx. 1,00- 1,05 g/cm ³ (20 °C)
Relative vapor density (air):	not determined
Solubility in water:	miscible (20 °C)
Partitioning coefficient n-octanol/water (log Kow):	not applicable for mixtures
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	not determined
Explosion hazard:	not explosive
Fire promoting properties:	not fire-propagating

9.2 Other information

Miscibility with water:	miscible (20 °C)
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

SECTION 10: Stability and Reactivity

10.1 Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.
Corrosion to metals: Corrosive effects to metal are not anticipated.

10.2 Chemical stability

The product is stable if stored and handled as prescribed/indicated.

10.3 Possibility of hazardous reactions

The product is stable if stored and handled as prescribed/indicated.

10.4 Conditions to avoid

See MSDS section 7 - Handling and storage.

105 Incompatible materials

Substances to avoid:

strong acids, strong bases, strong oxidizing agents, strong reducing agents.

106 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

11.1.1 Acute toxicity

Assessment of acute toxicity:

Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact. Based on available Data, the classification criteria are not met.

11.1.2 Irritation

Assessment of irritating effects:

Skin contact causes irritation.

11.1.3 Respiratory/Skin sensitization

Assessment of sensitization:

There is no evidence of a skin-sensitizing potential.

11.1.4 Germ cell mutagenicity

Assessment of mutagenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

11.1.5 Carcinogenicity

Assessment of carcinogenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

11.1.6 Reproductive toxicity

Assessment of reproduction toxicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

11.1.7 Developmental toxicity

Assessment of teratogenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

11.1.8 Specific target organ toxicity (single exposure)

Assessment of STOT single:

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

11.1.9 Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

No reliable data was available concerning repeated dose toxicity. Based on available Data, the classification criteria are not met.

11.1.10 Aspiration hazard

No aspiration hazard expected.

11.1.11 Other relevant toxicity information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

SECTION 12: Ecological Information

121 Toxicity

Assessment of aquatic toxicity:

May cause long-term adverse effects in the aquatic environment. Acutely harmful for aquatic organisms.

122 Persistence and degradability

Assessment biodegradation and elimination (H₂O):

Not readily biodegradable (by OECD criteria).

123 Bio accumulative potential

Assessment bioaccumulation potential:

No data available.

Discharge into the environment must be avoided.

124 Mobility in soil

Assessment transport between environmental compartments:

Volatility: No data available.

125 Results of PBT and vPvB assessment

The product does not fulfill the criteria for PBT (Persistent/bio accumulative/toxic) and vPvB (very persistent/very bio accumulative).

12.6 Other adverse effects

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

12.7 Additional information

Other ecotoxicological advice:

Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Observe national and local legal requirements.

The waste code in accordance with the European waste catalog (EWC) must be specified in cooperation with disposal agency/manufacturer/authorities.

Residues should be disposed of in the same manner as the substance/product.

13.1.1 Contaminated packaging

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

Packs that cannot be cleaned should be disposed of in the same manner as the contents.

SECTION 14: Transport Information

Land transport

ADR Not classified as a dangerous good under transport regulations

UN number: Not applicable

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable

Environmental hazards: Not applicable

Special precautions for user: None known

RID Not classified as a dangerous good under transport regulations

UN number: Not applicable

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable

Environmental hazards: Not applicable

Special precautions for user: None known

Inland waterway transport

ADN Not classified as a dangerous good under transport regulations
UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for user: None known

Sea transport

IMDG Not classified as a dangerous good under transport regulations
UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for user: None known

Air transport

IATA/ICAO Not classified as a dangerous good under transport regulations
UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for user: None known

14.1 UN number

See corresponding entries for “UN number” for the respective regulations in the tables above.

14.2 UN proper shipping name

See corresponding entries for “UN proper shipping name” for the respective regulations in the tables above.

14.3 Transport hazard class(es)

See corresponding entries for “Transport hazard class(es)” for the respective regulations in the tables above.

14.4 Packing group

See corresponding entries for “Packing group” for the respective regulations in the tables above.

14.5 Environmental hazards

See corresponding entries for “Environmental hazards” for the respective regulations in the tables above.

14.6 Special precautions for user

See corresponding entries for “Special precautions for user” for the respective regulations in the tables above.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Regulation:	Not evaluated
Shipment approved:	Not evaluated
Pollution name:	Not evaluated
Pollution category:	Not evaluated
Ship Type:	Not evaluated

SECTION 15: Regulatory Information

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

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

15.2 Chemical safety assessment

Chemical safety assessment not required.

SECTION 16: Other Information

Full text of the classifications, including the hazard classes and the hazard statements, if mentioned in section 2 or 3:

Skin Corr. /Irrit.	Skin corrosion/irritation
Aquatic Chronic	Hazardous to the aquatic environment - chronic
Flam. Liq.	Flammable liquids
Acute Tox.	Acute toxicity
Eye Dam. /Irrit.	Serious eye damage/eye irritation
Aquatic Acute	Hazardous to the aquatic environment - acute
H226	Flammable liquid and vapor.
H315	Causes skin irritation.
H311	Toxic in contact with skin.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects



Material Safety Datasheet
WR 101

Revision Date
01.2021

Further information

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.