

GBF NO	00021
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SAFETY DATA SHEET

GEO RET 15

Safety data sheet according to Reg. 29204 / 13.12.2014

1. Identification of the substance/mixture and of the company/undertaking

1.1 Identification of the substance / mixture

Product Name : GEO RET 15
Chemical family : Solid

1.2 Identified uses of the substance / mixture and their non-recommended use

Industry : Water treatment.

1.3 Safety Data Sheet supplier information

Producer/Supplier : GeoChemmm Kimya Ticaret Anonim Şirketi
Address : Orta Mah. Selanik Caddesi No:91/3 Efeler/AYDIN
E-mail : info@geochemmm.com
Telephone : +90 (555) 694 15 34

1.4 Emergency telephone number

Emergency Phone : +90 (555) 694 15 34
National Poison Control phone : 114
Emergency telephone number : 112

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

According to SEA (28848);

Not classified as a hazardous material.

2.2. Label elements

Labelling according to Regulation of Classification, Labelling and Packaging of Substances and Mixtures (11 December 2013 and 28848 repeating) and EC no 1272/2008 (CLP).

The product does not need to be labelled in accordance with respective national laws or EC directives.

GEOCHEMM

GeoChemmm Kimya Ticaret Anonim Şirketi
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2.3 Other Hazard : Not available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures : Mixture

Material name	Classification	Value (%)
	SEA: RG.-11/12/2013 28848	
Sulfonated organic blend	Not classified as a hazardous material.	>60

4. First Aid Measures

4.1 Description of first aid measures

General advice : Show this safety data sheet to the doctor in attendance.

Ingestion : Wash your mouth with water. Do not induce vomiting. Get medical attention if symptoms occur.

Skin contact : Wash the deeply contaminated area with plenty of water and soap.

Eye contact : Immediately flush with plenty of water and keep under the eyelids open. Get medical attention for irritation.

Inhalation : Take a victim outdoors and ensure that they are in a position where they can breathe easily. If symptoms persist, seek medical advice.

4.2 Significant signs and effects seen acutely and later

None known.

4.3 First signs for medical intervention and special treatment

Symptomatic treatment.

5. Firefighting Measures

5.1 Fire extinguishers

Suitable Extinguishing Media : Water spray, Carbondioxide (CO₂), dry powder alcohol-resistant foam.

Unsuitable Extinguishing Media : No data available.

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5.2 Specific hazards arising from the substance or mixture

Special hazards during firefighting : Dust can form explosive mixture in air.

5.3 Recommendations for fire fighting teams

Special Protective Equipment for Firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

For personal protection see Section 8.

6.2 Environmental measures

Prevent product from entering drains.

6.3 Methods and materials for preservation and cleaning

Sweep and collect in suitable containers. After cleaning, remove the residues with plenty of water.

7. Handling and Storage

7.1 Precautions for safe handling

Keep in accordance with industrial hygiene and safety regulations. Avoid contact with skin and eyes. For personal protection see section 8.

7.2 Conditions for safe storage with incompatibilities

Product is hygroscopic. Avoid moisture. Provide good ventilation. Keep container tightly closed in a dry and well-ventilated place.

7.3 Certain end-uses

Not listed.

8. Exposure Controls / Personal Protection

8.1 Control parameters

No data available.

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8.2 Exposure controls

8.2.1 Appropriate Engineering Controls

Keep in accordance with industrial hygiene and safety regulations. Avoid contact with skin and eyes. Wash your hands immediately before stopping and immediately after contact with product. Ensure that eyewash stations and safety showers are close to the workstation location.

8.2.2 Personal protective equipments

Eye contact : Use protective goggles.
Hand protection : Impervious gloves.
Skin protection : Use protective clothes.
Respiratory system protection Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. (dust mask)

8.2.3 Environmental exposure controls

No data available.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical State : Solid, dust
Colour : Light brown
Odour : Characteristic
Threshold of odour : No information.
pH : No data available.
Melting/freezing point : No data available.
Initial boiling point and boiling range : No data available.
Flash point : No data available.
Evaporation rate : No information.
Flammability (solid,gas) : No data available.
Combustion time : No data available.
Combustion rate : No data available.
Upper/lower flammability or explosive limits : No data available.
Vapour pressure : No data.
Vapour density : No data.
Relative density : No data.

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Density	: No data.
Solubility	: No data.
Solubility in water	: Soluble.
Partition coefficient n-octanol-water	: No data available.
Ignition temperature	: No data.
Degradation temperature	: No data.
Viscosity	: No data.
Explosive properties	: No data.
Oxidizing properties	: Product is not classified as oxidizer

9.2 Additional information

No data.

10. Stability and Reactivity

10.1 Reaction	: No data available.
10.2 Chemical stability	: Product is stable under normal conditions.
10.3 Hazardous reaction Probability	: Under normal conditions of storage and use, hazardous reactions do not occur.
10.4 Situations to avoid	: Avoid moisture.
10.5 Substances to avoid	: No data available.
10.6 Harmful products	: No data available.

11. Toxicological Information

11.1 Information on toxic effects

Acute toxicity	: No data available.
Skin corrosion / Irritating	: No data available.
Serious eye damage/ eye irritation	: No data available.
Sensitiveness	: Sensitivity does not cause.
Mutagenic	: Based on the available data, the classification criteria not met
Carcinogenic	: Based on the available data, the classification criteria not met
Reproduction	: Based on the available data, the classification criteria not met
Developmental toxicity	: No data available.
STOT single exposure	: No data available.

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Aspiration toxicity : No data available.

12. Ecological Information

12.1 Toxicity

No data available.

12.2 Permanence and degradability

No data available.

12.3 Potential for bioaccumulation

No data available.

12.4 Mobility in the earth

Mobility No data

12.5 Results of PBT and vPvB evaluation

This substance / mixture does not contain components which are considered persistent, bioaccumulative and toxic PBT or very persistent and very bioaccumulative vPvB at levels of 0.1% and higher.

12.6 Other adverse effects

No data available.

13. Disposal Considerations

13.1 Waste treatment methods

Product

The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. Burning is recommended.

Packaging

Uncleaned packaging must be disposed of in the same manner as unused product.

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14. Transport Information

Land Transport : Not classified as dangerous in the sense of the transport regulations.

Marine Transport : Not classified as dangerous in the sense of the transport regulations.

Air Transport : Not classified as dangerous in the sense of the transport regulations.

14.6 Special precautions for the user : No data.

14.7 MARPOL 73/78, Annexe II and Bulk transport by IBC code : No data.

15. Regulatory Information

15.1 Safety, health and environmental legislation specific to substance or mixture

This material complies with the requirements of the EU Regulation No 1907/2006.

15.2 Chemical Safety Assessment

Not necessary.

16. Other Information

Revision statement

SEA is regulated according to the regulations.

This version overrides any version released prior to this date.

These data sheet compliments the technical data sheet but doesn't replace it. The information and recommendations given are based on the best information that GeoChemmm Kimya Ticaret Anonim Şirketi have and are believed accurate and reliable at the date publication. This safety data sheet should not be considered exhaustive and on no account does it exempt the user from ensuring that any property rights, existing laws and regulating are observed.