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SAFETY DATA SHEET

GEO AF 55

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 AF 55
Chemical family : Liquid.

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

Industry : -

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

Classification according to Regulation (EC) No 1272/2008:
Eye Irritation, Category 2; H319

Classification according to EU Directives 67/548/EEC or 1999/45/EC:
Xi; R36

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

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Hazard symbols :

Warning Word:

Hazard statements

Precautionary statements

Precaution

Response

Warning

H319 Causes serious eye irritation.

P261 Avoid breathing spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water

For several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/ attention.

2.3 Other hazards

No data available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

Mixture

Chemical nature: Silicone emulsion.

Product name	CAS No	%
Treated amorphous silica	Not Assigned	≥1 - < 5
Polyethylene glycol stearyl ether	9005-00-9	≥1 - < 5
Polyethylene glycol stearate	9004-99-3	≥1 - < 5
Polyethylene glycol	25322-68-3	≥1 - < 5

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. When symptoms persist or in all cases of doubt seek medical advice.

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Inhalation	: Move to fresh air. Seek medical advice if symptoms occur.
Skin contact	: Wash with water and soap as a precaution. Get medical attention if symptoms occur.
Eye contact	: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention.
Ingestion	: Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victim's head to the side.

4.2 Most important symptoms and effects, both acute and delayed:

The most important known symptoms and effects are described in the labelling (see section 2.2) and /or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data.

5. Firefighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Use dry chemical, CO₂, alcohol-resistant foam, water spray.

Unsuitable extinguishing media: no data available

5.2 Special hazards arising from the substance or mixture

Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

5.3 Advice for firefighters

Avoid contact with the skin. A face shield should be worn. Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures: Wear suitable protective clothing, gloves and eye/face protection indicated in section 8. Use selfcontained breathing apparatus and chemically protective clothing. Evacuate personel to safe areas.

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6.2 Environmental precautions: Construct a dike to prevent spreading. Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

6.3 Methods and materials for containment and cleaning up:

For large amounts : Soak up with inert absorbent material.

For residues : Provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent.

6.4 Reference to other sections: Refer to Section 13 for disposal information and Sections 14 and 15 for reportable quantity information.

7. Handling and Storage

7.1 Precautions for safe handling: Avoid inhalation of vapour or mist. Do not swallow. Do not get in eyes. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release and safety practice.

7.2 Conditions for safe storage, including any incompatibilities:

Keep in properly labeled containers. Store in accordance with the particular national regulations. Do not store with the following product types:
Strong oxidizing agents.

7.3 Specific end uses(s) : Not listed.

8. Exposure Controls / Personal Protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Provide adequate ventilation.

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Personel protective equipment

Hand protection :

Impervious gloves.

Eye protection

Wear the following personel protective equipment: Safety goggles.

Respiratory protection :

General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations and use NIOSH/MSHA approved respirators.

Skin and body protection

Protective clothes

Environmental exposure controls :

Construct a dike to prevent spreading. Do not discharge into drains/surface waters/groundwater.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical State	: Liquid
Colour	: Off-white
Odour	: Slight
Threshold of odour	: No information.
pH	: 4.50 - 5.50
Melting point	: No data.
Freezing point	: No data available.
Initial boiling point and boiling range	: > 100 oC
Flash point	: > 100 oC closed cup
Evaporation rate	: No data available
Flammability (solid,gas)	: No data available.
Upper/lower flammability or explosive limits	: Not applicable.
Vapour pressure	: No data available
Density	: 1.00 ± 0.05 g/cm3

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Solubility in water : Soluble.
Partition coefficient n-octanol-water : No data available.
Ignition temperature : No data available.
Degradation temperature : No data available.
Viscosity : No data available.
Explosive properties : No data available.
Oxidizing properties : The substance or mixture is not classified as oxidizing.

9.2 Additional information

No data.

10. Stability and Reactivity

10.1 Reactivity: Not dangerous reaction known under conditions of normal use.

10.2 Chemical stability: Stable under normal conditions.

10.3 Possibility of hazardous reactions: No specific data.

10.4 Conditions to avoid: No specific data.

10.5 Incompatible materials: Strong oxidizing agents.

10.6 Hazardous decomposition products: There is no known hazardous decomposition effects-causing products.

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

Not classified based on available information.

Sensitization

No data available.

Mutagenicity

No data available.

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Carcinogenicity

No data available.

Reproductive toxicity

No data available.

Teratogenicity

No data available.

12. Ecological Information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects : This product should not be allowed to spread to environment uncontrollably.

13. Disposal Considerations

13.1 Waste treatment methods

Waste from residues / unused products : Contact supplier if guidance is required.

Contaminated packaging : Dispose of container and unused contents in accordance with federal, state, and local requirements.

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14. Transport Information

	ADR/RID	IMDG	IATA
14.1 UN number	Not regulated as a dangerous good.	Not regulated as a dangerous good.	Not regulated as a dangerous good.
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No.	No.	No.
14.6 Special precautions for user	Not applicable	Not applicable	Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

15. Regulatory Information

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

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

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15.2 Chemical Safety Assessment

No data available.

16. Other Information

Full text of H-Statements and R-phrases referred to under sections 2 and 3

Eye Irritation, Category 2; H319 Causes serious eye irritation.

Xi; Irritant

R36 : Irritating to eyes.

Abbreviations

CAS No : Chemical Abstracts Service Number

DNEL : Derived No-Effect Level

EC No : European Chemical Number : EINECS, ELINCS or NLP

SDS : Safety Data Sheet

GHS : Global Harmonized System

LC50 : Lethal Concentration 50%

LD50 : Lethal Dose

NOAEL : No Observed Adverse Effect Level

OECD : Organisation for Economic Co-operation and Development

PBT : Persistent, Bioaccumulative and Toxic

vPvB : very Persistent and very Bioaccumulative

WEL : Workplace Exposure Limits

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.