



SAFETY DATA SHEET

According to U.S. Code of Federal Regulations 29 CFR 1910.1200, Hazard Communication.

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

1.1. Product identifier

Product name: EDGEL 50

Type of product: Mixture

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

Identified uses: Processing aid for industrial applications.

Uses advised against: None.

1.3. Details of the supplier of the safety data sheet

Company: Gezgin Kimya
İnönü Mah. Küçükbayır
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SECTION 2. Hazards identification

2.1. Classification of the substance

Classification according to paragraph (d) of 29 CFR 1910.1200:

Not classified.

2.2. Label elements

Labelling according to paragraph (f) of 29 CFR 1910.1200:

Hazard symbol(s): None.

Signal word: None.

Hazard statement(s): None.

Precautionary statement(s): None.

2.3. Other hazards

Aqueous solutions or powders that become wet render surfaces extremely slippery.

SECTION 3. Composition/information on ingredients

3.1 Substances

Not applicable, this product is not a substance.

3.2 Mixtures

Hazardous components : Contains no reportable hazardous substances.

SECTION 4: First aid measures*4.1. Description of first aid measures**Inhalation:*

Remove to fresh air if effects occur. Consult a physician. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

Eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. In case of persistent eye irritation, consult a physician.

Skin contact:

Wash off with soap and plenty of water. Remove contaminated clothing. If irritation develops, get medical attention.

Ingestion:

Rinse mouth with water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

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

Prolonged exposure causes local irritation of skin and mucous membranes, especially to the eyes. Prolonged skin contact may cause skin irritation with susceptible persons.

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

None.

Other information:

Aqueous solutions or powders that become wet render surfaces extremely slippery.

SECTION 5: Fire-fighting measures*5.1. Extinguishing media**Suitable extinguishing media:*

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media:

None.

*5.2. Special hazards arising from the substance or mixture**Hazardous decomposition products:*

Thermal decomposition may produce: carbon oxides (CO_x).

*5.3. Advice for fire-fighters**Protective measures:*

In the event of fire, wear self-contained breathing apparatus.

Other information:

Aqueous solutions or powders that become wet render surfaces extremely slippery.

SECTION 6: Accidental release measures*6.1. Personal precautions, protective equipment and emergency procedures**Protective equipment:*

Wear adequate personal protective equipment (see Section 8 Exposure Controls/Personal Protection).

Personal precautions:

Aqueous solutions or powders that become wet render surfaces extremely slippery. Avoid breathing dust. Remove all sources of ignition.

SECTION 6: Accidental release measures*6.1. Personal precautions, protective equipment and emergency procedures**Protective equipment:*

Wear adequate personal protective equipment (see Section 8 Exposure Controls/Personal Protection).

Emergency procedures:

Keep people away from spill/leak.

Personal precautions:

Aqueous solutions or powders that become wet render surfaces extremely slippery. Avoid breathing dust. Remove all sources of ignition.

6.2. Environmental precautions

Do not allow contact with soil, surface or ground water. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Non-sparking tools should be used.

Large spills:

Do not flush with water. Clean up promptly by sweeping or vacuum. Keep in suitable, closed containers for disposal. After cleaning, flush away traces with water.

Small spills:

Do not flush with water. Clean up promptly by sweeping or vacuum. Keep in suitable, closed containers for disposal. After cleaning, flush away traces with water.

Residues:

Flush away with large quantities of water.

6.4. Reference to other sections

SECTION 7: Handling and storage; SECTION 8: Exposure controls/personal protection; SECTION 9: Physical and chemical properties; SECTION 13: Disposal considerations;

SECTION 7. Handling and storage*7.1. Conditions for safe storage, including any incompatibilities.*

Keep in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep away from heat and sources of ignition. Incompatible with bases.

7.2. Specific end use(s)

No information available.

7.3. Precautions for safe handling

Avoid dust formation. Use only explosion-proof equipment. Keep away from heat and sources of ignition. Aqueous solutions or powders that become wet render surfaces extremely slippery.

SECTION 8. Exposure controls/personal protection*8.1. Control parameters**Occupational exposure limits:*

None.

*8.2. Exposure controls**Appropriate engineering controls:*

Use local exhaust if dusting occurs. Natural ventilation is adequate in absence of dusts.

Individual protection measures, such as personal protective equipment:

Hand protection:
Protective gloves complying with EN 374.

Eye/face protection:
Safety glasses with side-shields conforming to EN166.

Skin protection:
Workclothes protecting arms, legs and body.

Respiratory protection:
Ventilated respirator with P3 filter cartridge if respirable dust (particulatesize < 10 µm) exceeds 0.05 mg/m³. Dust safety masks recommended where working powder concentration is more than 10 mg/m³.

Additional advice:
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Environmental exposure controls:

Do not allow uncontrolled discharge of product into the environment. Do not flush into surface water.

SECTION 9. Physical and chemical properties9.1. Information on basic physical and chemical properties

a) Appearance:	White granular solid.	j) Upper/lower flammability or explosive limits:	No data available.
b) Odour:	Slight	k) Vapour pressure:	Not applicable.
c) Odour Threshold:	Not applicable.	l) Vapour density:	Not applicable.
d) pH:	2 - 5 @ 5 g/L	m) Relative density:	0.1 - 0.6
e) Melting point/freezing point:	> 150°C	n) Solubility(ies):	Soluble in water.
f) Initial boiling point and boiling range:	Not applicable.	o) Partition coefficient:	< 0
g) Flash point:	Not applicable.	p) Autoignition temperature:	Does not self-ignite (based on the chemical structure).
h) Evaporation rate:	Not applicable.	q) Decomposition temperature:	No data available.
i) Flammability (solid, gas):	Not flammable.	r) Viscosity:	See Technical Bulletin
		s) Explosive properties:	Kst = 0 Non-flammable to ignition sources of less than 2.5 kJ.
		t) Oxidizing properties:	Not expected to be oxidising based on the chemical structure.

SAFETY DATA SHEET*9.2. Other information*

None.

SECTION 10. Stability and reactivity*10.1. Reactivity*

None known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Powdered material may form explosive dust-air mixtures.

10.4. Conditions to avoid

Keep away from heat and sources of ignition.

10.5. Incompatible materials

Incompatible with bases. Amines.

10.6. Hazardous decomposition products

Thermal decomposition may produce: carbon oxides (CO_x).

SECTION 11. Toxicological information*11.1. Information on toxicological effects**Information on the product as supplied:*

<i>Acute oral toxicity:</i>	LD50/oral/rat > 2500 mg/kg
<i>Acute dermal toxicity:</i>	LD50/dermal/rabbit > 5000 mg/kg (Estimated)
<i>Acute inhalation toxicity:</i>	The product is not expected to be toxic by inhalation.
<i>Skin corrosion/irritation:</i>	By analogy with similar products, this product is not expected to be irritating.
<i>Serious eye damage/eye irritation:</i>	By analogy with similar products tested according to the Draize technique this material should produce no corneal or iridial effects and only slight transitory conjunctival effects similar to those which all granular materials have on conjunctivae.
<i>Respiratory/skin sensitisation:</i>	Not sensitizing.
<i>Mutagenicity:</i>	Not mutagenic.
<i>Carcinogenicity:</i>	Not carcinogenic.
<i>Reproductive toxicity:</i>	Not toxic for reproduction.
<i>STOT - single exposure:</i>	No known effects.
<i>STOT - repeated exposure:</i>	No known effects.
<i>Aspiration hazard:</i>	No hazards resulting from the material as supplied.

SECTION 12. Ecological information

SAFETY DATA SHEET**12.1. Toxicity**Information on the product as supplied:

Acute toxicity to fish:	LC50/Lepomis macrochirus/96 hours > 580 mg/L
Acute toxicity to invertebrates:	EC50/Daphnia magna/96 hours = 168 mg/L
Acute toxicity to algae:	IC50/Algae/72 hours > 100 mg/L
Chronic toxicity to fish:	No data available.
Chronic toxicity to invertebrates:	EC50/Daphnia/21 days = 100 - 1000 mg/L (Estimated)
Toxicity to microorganisms:	EC50/Pseudomonas putida = 100 - 1000 mg/L
Effects on terrestrial organisms:	No data available.
Sediment toxicity:	No data available.

12.2. Persistence and degradabilityInformation on the product as supplied:

Degradation:	Not readily biodegradable.
Hydrolysis:	Does not hydrolyse.
Photolysis:	No data available.

12.3. Bioaccumulative potentialInformation on the product as supplied:

Not bioaccumulating.	
Partition co-efficient (Log Pow):	< 0
Bioconcentration factor (BCF):	No data available.

12.4. Mobility in soilInformation on the product as supplied:

No data available.

12.5. Other adverse effects

None known.

SECTION 13. Disposal considerations

*13.1. Waste treatment methods*Waste from residues / unused products:

Dispose in accordance with local and national regulations. Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated packaging:

Rinse empty containers with water and use the rinse-water to prepare the working solution. Empty containers should be taken for local recycling, recovery or waste disposal. If recycling is not practicable, dispose of in compliance with local regulations.

Recycling:

Empty containers should be taken to local recyclers for disposal. If recycling is not practicable, dispose of in compliance with local regulations.

SECTION 14. Transport informationSECTION 15. Regulatory information

Land transport (DOT)

Not classified.

Sea transport (IMDG)

Not classified.

Air transport (IATA)

Not classified.

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

Information on the product as supplied:TSCA Chemical Substances Inventory:

All components of this product are either listed on the inventory or are exempt from listing.

US SARA Reporting Requirements:

SARA (Section 311/312) hazard class:
Not concerned.

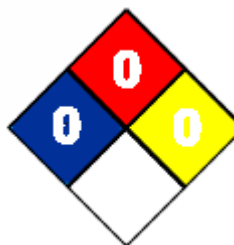
RCRA status :
Not RCRA hazardous.

California Proposition 65 Information:

Not concerned

SECTION 16. Other informationNFPA and HMIS Ratings:NFPA:

Health: 0
Flammability: 0
Instability: 0



SAFETY DATA SHEETHMS:

Health:	0
Flammability:	0
Physical Hazard:	0
PPE Code:	E

This data sheet contains changes from the previous version in section(s):

SECTION 2. Hazards identification, SECTION 3. Composition/information on ingredients, SECTION 4. First aid measures, SECTION 11. Toxicological information, SECTION 16. Other Information.

Key or legend to abbreviations and acronyms used in the safety data sheet:

None.

This SDS was prepared in accordance with the following:

U.S. Code of Federal Regulations 29 CFR 1910.1200

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.