



SAFETY DATA SHEET

According to Regulation (EC) No. 453/2010

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

1.1. Product identifier

Product name: **EDGEL 48**

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: GEZGİN TİCARET E-Kimyasal.com

Telephone: +90 (212) 296 99 65

E-mail address: e.imayhan@e-kimyasal.com

1.4. Emergency telephone number

24-hour emergency number:

National Poison Information Service: This is a generic EU Safety Data Sheet. Consult your specific Member State version for this information.

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 1999/45/EC: Not classified.

2.2. Label elements

Labelling according to Directive 1999/45/EC:

Symbol(s): None.

Indication of danger: None.

Risk phrase(s): None.

Safety phrase(s): None.

2.3. Other hazards

PBT and vPvB assessment: Does not fulfil the criteria according to Annex XIII of REACH.

SECTION 3. Composition/information on ingredients

3.1 Substances

This product is not a substance.

3.2 Mixtures

This product is a mixture.

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.

Skin contact:

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

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.

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

Personal precautions:

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

Protective equipment:

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

Emergency procedures:

Keep people away from spill/leak.

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.

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.

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.

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. 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.

7.2. 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.

7.3. Specific end use(s)

No information available.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

National occupational exposure limits:

None.

Derived No and Minimum Effect Levels (DNELs/DMELs)

None.

Predicted no-effect concentrations (PNECs)

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:

a) Eye/face protection:

Safety glasses with side-shields conforming to EN166.

b) Skin protection:

Workclothes protecting arms, legs and body.

i) Hand protection:

Protective gloves complying with EN 374.

c) Respiratory protection:

Ventilated respirator with P3 filter cartridge if respirable dust (particlesize < 10 µm) exceeds 0.05 mg/m³.

d) 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 properties

9.1. Information on basic physical and chemical properties

a) Appearance:

White granular solid.

b) Odour:

Slight

c) Odour Threshold:	Not applicable.
d) pH:	2.5-3.5 @ 5 g/L
e) Melting point/freezing point:	> 150°C
f) Initial boiling point and boiling range:	Not applicable.
g) Flash point:	Not applicable.
h) Evaporation rate:	Not applicable.
i) Flammability (solid, gas):	Not flammable.
j) Upper/lower flammability or explosive limits:	No data available.
k) Vapour pressure:	Not applicable.
l) Vapour density:	Not applicable.
m) Relative density:	0.1 - 0.3
n) Solubility(ies):	Soluble in water.
o) Partition coefficient:	< 0
p) Autoignition temperature:	Does not self-ignite (based on the chemical structure).
q) Decomposition temperature:	No data available.
r) Viscosity:	See Technical Bulletin
s) Explosive properties:	Not expected to be explosive based on the chemical structure. Dust Deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.
t) Oxidizing properties:	Not expected to be oxidising based on the chemical structure.

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

Incompatible with bases. 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

12.1. Toxicity

Information on the product as supplied:

<i>Acute toxicity to fish:</i>	LC50/Lepomis macrochirus/96 hours >580 mg/L
<i>Acute toxicity to invertebrates:</i>	EC50/Daphnia magna/96 hours = 168 mg/L
<i>Acute toxicity to algae:</i>	IC50/Algae/72 hours = 10 - 100 mg/L
<i>Chronic toxicity to fish:</i>	No data available.

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<i>Chronic toxicity to invertebrates:</i>	EC50/Daphnia/21 days = 100 - 1000 mg/L (Estimated)
<i>Toxicity to microorganisms:</i>	EC50/Pseudomonas putida = 100 - 1000 mg/L
<i>Effects on terrestrial organisms:</i>	No data available.
<i>Sediment toxicity:</i>	No data available.

12.2. Persistence and degradability

Information on the product as supplied:

<i>Degradation:</i>	Not readily biodegradable.
<i>Hydrolysis:</i>	Does not hydrolyse.
<i>Photolysis:</i>	No data available.

12.3. Bioaccumulative potential

Information on the product as supplied:

Not bioaccumulating.

<i>Partition co-efficient (Log Pow):</i>	<0
<i>Bioconcentration factor (BCF):</i>	No data available.

12.4. Mobility in soil

Information on the product as supplied:

No data available.

12.5. Results of PBT and vPvB assessment

PBT assessment:
Does not fulfill the criteria according to Annex XIII of REACH.

vPvB assessment:
Does not fulfill the criteria according to Annex XIII of REACH.

12.6. Other adverse effects

None known.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products:

Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated packaging:

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 information

Land transport (ADR/RID)

Not classified.

Sea transport (IMDG)

Not classified.

Air transport (IATA)

Not classified.

SECTION 15. Regulatory information*15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture*

All components of this product have been registered or pre-registered with the European Chemicals Agency or are exempt from registration.

15.2. Chemical safety assessment

A Chemical Safety Assessment for this product has been carried out by the person responsible for producing this Safety Data Sheet. All relevant information used to conduct this assessment are included in this Safety Data Sheet as well any as any resulting Risk Reduction Measures.

SECTION 16. Other information*This data sheet contains changes from the previous version in section(s):*

SECTION 1. Identification of the substance/mixture and of the company/undertaking, SECTION 2. Hazards identification, SECTION 3. Composition/information on ingredients, SECTION 4. First aid measures, SECTION 5. Fire-fighting measures, SECTION 6. Accidental release measures, SECTION 7. Handling and storage, SECTION 8. Exposure controls/personal protection, SECTION 9. Physical and chemical properties, SECTION 10. Stability and reactivity, SECTION 11. Toxicological information, SECTION 12. Ecological information, SECTION 13. Disposal considerations, SECTION 14. Transport information, SECTION 15. Regulatory information, SECTION 16. Other Information.

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

None.

This MSDS was prepared in accordance with the following:

Regulation (EU) No. 453/2010

Regulation (EC) No. 1272/2008

Regulation (EC) No. 1907/2006

Revision Number: 14.01.a

PRAC017

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.

ANNEX(ES)

This product is not hazardous as supplied and does not contain:

- hazardous components which require REACH registration; or,
- demonstrate relevant effects which would require a chemical safety assessment; or,
- are present at concentrations above their cut-off value.

Therefore, according to Regulation (EC) No 1907/2006, Article 31, paragraph 7, an Exposure Scenario is not required as an annex to the Safety Data Sheet.