

SAFETY DATA SHEET

According to Regulation EC No.1907/2006 (REACH) with its amendment
Regulation (EU) 2020/878



SDS Form No: GM.041

Date of Issue: 28.12.2022

Date of Revision:-
Version:00-01

ExperAdmix CL 11

1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:

Product Name	ExperAdmix CL 11
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1.2 Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: Liquid, crystallized waterproofing additive for concrete- for professional and consumer users.

1.3 Details of the supplier of the safety data sheet:

Company:	GÜVEN MADENCİLİK İNŞ. ve TİC. AŞ.
Address:	Ege Perla B Kule Kat:23 No:231/232 Konak İZMİR
Telephone:	+90 (232) 422 03 93
Related person for SDS e- mail address	Abdurrahman SAL asal@okkagroup.com.tr

1.4 Emergency telephone number:

Emergency Phone:	+90 (232) 422 03 93
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2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Classification According to Regulation (EC) No 1272/2008 (CLP/GHS)

Health hazards	Eye irritation, Category 2, H319
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2.2. Label elements

Labelling According to Regulation (EC) No 1272/2008 (CLP/GHS)

Hazard Pictograms:	
Signal word	Warning
Hazard statements	H319: Causes serious eye irritation.
Precautionary statements	
Prevention	P102: Keep out of reach of children. P264: Wash with water thoroughly after handling P280: Wear protective gloves/protective clothing/eye protection/face protection.
Response	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:

Does not contain any PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XVIII.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Substances

Not application.

3.2 Mixture

Description: Mixture of substances listed below with non hazardous additions.

Dangerous Components			
Chemical Name	Product Identifier	Content (%)	Classification (CLP) (No1272/2008)
Sodium Carbonate	Cas No: 497-19-8 EC No: 207-838-8 Index No:011-005-00-2	≤ 80	Eye Irrit. 2, H319
Ethane-1,2-diol	Cas No: 107-21-1 EC No: 203-473-3 Index No:603-027-00-1	≤ 1	Acute Tox. 4, H302 STOT Re. 2, H373

H. phrases full text of: see section 16

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4. FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: Allow victim to breathe fresh air. Allow the victim to rest.

Skin contact: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

No further relevant information available

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

Notes for the doctor: Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media: The product is non-flammable. Extinguish with the following media: Water spray, dry powder or carbon dioxide.

Unsuitable Extinguishing Media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the product

Special hazards: No further relevant information available.

5.3 Advice for firefighters

Special protective equipment for firefighters: Wear full protective clothing.

Advice for firefighters: No special measures required. Use methods suitable to surrounding conditions. Collect contaminated fire fighting water separately. It must not enter the sewage system. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Ensure adequate ventilation. Follow precautions for safe handling described in this safety data sheet. Avoid contact with skin and eyes. In case of contact with skin and / or eyes wash with plenty of water. Carry out emergency procedures.

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6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and material for containment and cleaning up

Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Dispose of collected material or wastes according to local regulations. Dispose of the wastes according to Article 13.

6.4 Reference to other sections

Wear protective clothing as shown in Section 8 of this Safety Data Sheet. See section 7 for safe handling. See section 13 for disposal of wastes.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Protective for safe handling: Ensure good ventilation of the work station. Wear protective clothing as described in Section 8 of this safety data sheet. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. In case of contact with skin and / or eyes wash with plenty of water. Keep away from food, drink and animal feeding stuffs.

Hygiene measures: Work with industrial hygiene standards and common rules to prevent inhalation, ingestion, exposure to the skin and eyes during use of chemicals. Do not eat, drink or smoke when using this product. Remove contaminated clothing and wash before using again. Wash thoroughly after handling. There should be eye and body showers in the process area and where it is used. All packages should be handled with care and when not in use; should be kept tightly closed. Follow the instructions for use specified by the supplier.

7.2. Conditions for safe storage, including any incompatibilities

Storage measures: Store in accordance with local regulations. Store away from incompatible materials. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Protect from sources of ignition and direct sunlights. Keep container closed when not in use. Keep out of reach of children.

Incompatible materials: Strong oxidizers. Strong acids

7.3 Specific end use(s)

Specific end use(s): No additional information available.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace

(Cas No:497-19-8)- Sodium
Carbonate

OSHA (PEL/TWA) : 15 mg/m³ (total dust)
: 5 mg/m³ (respirable fraction)
MSHA (PEL/TWA) :10 mg/m³ (total dust)

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ExperAdmix CL 11

(Cas No: 107-21-1)- Ethane-1,2-diol	TWA: 52 mg/m ³ ; 20 ppm (EH40 WEL - Workplace Exposure Limits) Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.
	STEL: 104 mg/m ³ ; 40 ppm (EH40 WEL - Workplace Exposure Limits) Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal.

8.2. Exposure controls

8.2.1 Appropriate engineering controls: Ensure good ventilation of the work station.

8.2.2 Personal protective equipment

Eye/face protection: Use safety goggles that have been tested and approved in accordance with standards such as EN 166 (EU).

Protection of hands: Use chemical-resistant protective gloves complying with EN 374.

Other skin protection: Wear suitable protective clothing to prevent skin exposure.

General protective and hygiene measures: The usual precautionary measures are to be adhered to when handling chemicals. Do not breath aerosols Avoid contact with skin, eyes and contaminated clothing. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before use. Wash hands before breaks and after work. Ensure that eyewash stations and emergency showers are close to where the work area is located.

Respiratory protection: Respiratory protection not required in normal conditions.

8.2.3 Control of environmental exposure

Avoid release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance Physical state Colour	Liquid Brown
Odour	Odourless
Solubility	No data available.
Initial boiling point and boiling range	No data available.
Melting point	No data available.
Ph value	≥ 7
Flash point	No data available.
Auto-ignition temperature	No data available.

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SDS Form No: GM.041

Date of Issue: 28.12.2022

Date of Revision:-
Version:00-01

ExperAdmix CL 11

Upper/lower flammability or explosive limits	No data available.
Flammability	No data available.
Bulk density	No data available.
Relative density	1,1 gr/cm ³
Vapour pressure	No data available
Specific gravity	No data available.
Viscosity	300-1500 mPa.s
Partition coefficient (n-octanol/water)	No data available.
Oxidising properties:	No data available.
Explosive Properties:	No data available.
Particle characteristics	No data available.

9.2 Other informations

No data available.

10. STABILITY AND REACTIVITY

10.1.Reactivity

No additional information available.

10.2.Chemical stability

Stable under normal conditions.

10.3.Possibility of hazardous reactions

No additional information available.

10.4.Conditions to avoid

No data available.

10.5.Incompatible materials

No data available.

10.6.Hazardous decomposition products

No data available.

11. TOXICOLOGICAL INFORMATION

11.1.Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.

ATE_{MIX} oral: >2000 mg/kg (calculation method)

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According to Regulation EC No.1907/2006 (REACH) with its amendment
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SDS Form No: GM.041

Date of Issue: 28.12.2022

Date of Revision:-
Version:00-01

ExperAdmix CL 11

(Cas No:497-19-8)- Sodium Carbonate - LD50 oral: 2800 mg/kg (rat)

(Cas No: 107-21-1)- Ethane-1,2-diol-LD50 oral:500,1 mg/kg

LD50 dermal: >3500 mg/kg (mouse) (ECHA)

LC50 inhalation:<2,5 mg/l- aerosol (ECHA)

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Eye irritation, Category 2, H319 was classified in- Causes serious eye irritation.

Respiratory/Skin Sensitization: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT (single exposure): Based on available data, the classification criteria are not met.

STOT (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting properties: No data available.

12. ECOLOGICAL INFORMATION

Aquatic toxicity: Not classified as harmful to aquatic life.

12.1. Toxicity

(Cas No:497-19-8)- Sodium Carbonate

LC50 fish1: 300 mg/l

LC50 fish 2: 740 mg/l

EC50 Daphnia 1: 265 mg/l

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. Result of PBT and vPvB assessment

This mixture does not contain any PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XVIII.

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SDS Form No: GM.O41

Date of Issue: 28.12.2022

Date of Revision:-
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ExperAdmix CL 11

12.6. Endocrine disrupting properties

None of the ingredients/components is listed at ECHA's endocrine disrupter (ED) assessment list.

12.7. Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Products: Waste is classified as hazardous. Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations.

Contaminated Packaging: Dispose of this container to hazardous or special waste collection point.

European Waste Catalogue (EWC): According to the European Waste Catalog, Waste Codes are not product specific, but application specific.

Other Information: Waste codes should be assigned by the user based on the application for which the product was used. Do not empty into drains.

14. TRANSPORT INFORMATION

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN Number:

Not applicable

14.2. UN proper shipping name:

Not applicable

14.3. Transport hazard class(es):

Not applicable

14.4. Packing Group:

Not applicable

14.5. Environmental hazards:

Not applicable.

14.6. Special precautions for user:

Not applicable.

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

Not applicable.

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ExperAdmix CL 11

15. REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)
 - CLP (classification, labelling and packaging) Regulation (EC) 1272/2008
 - Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)
- **Regulation (EC) No 1907/2006 Annex XVII:** Contains no REACH substances with Annex XVII restrictions.
- **REACH Annex XIV (Authorisation List):** Contains no REACH Annex XIV substances.
- **REACH Candidate List (SVHC):** Contains no substance on the REACH candidate list.

15.2 Chemical safety assessment: Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

- **Hazard Statements (CLP)**

H302: Harmful if swallowed.

H319: Causes serious eye irritation.

H373: May cause damage to organs through prolonged or repeated exposure

Classification and Procedure Used to Derive the Classification for Mixtures According to Regulation (EC) 1272/2008 [CLP]

Eye irritation, Category 2, H319

calculation method

- **Abbreviations**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

ADNR: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.

CAS No: Chemical Abstract Service

CLP: Classification Labelling and Packaging

CL50/LC50: Lethal Concentration 50

DL50/LD50: Lethal Dose 50

GHS: Global Harmonised System

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EC No: European INventory of Existing Commercial

IATA /ICAO: International Air Transport Association/ International Civil Aviation Organization

IMDG: International Maritime Code for Dangerous Goods

NIOSH: National Institute for Occupational Safety and Health

OEL: Occupational Exposure Limit

OSHA: Occupational Safety and Health Administration

MSHA: Mine Safety and Health Administration

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

TLV-STEL: Threshold Limit Value-Short Term Exposure Limit

TWA: Threshold Limit Value Time Weighed

PBT: Persistent Bioaccumulating and Toxic

STOT: Target Organ Systemic Toxicity

SDS: Safety Data Sheet

SVCH: Substance of Very High Concern

vPvB: Very Persistent and very Bioaccumulating

- Issued Note:

This SDS is prepared based on the information and documents received from product owner. BESChem Mühendislik&Danışmanlık-Sibel Gümüşdere shall not be responsible for incorrect prepared of SDS and pecuniary loss or intangible damages because of deficient or wrong information and documents which comes from product owner.

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- Revision Explanations

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