

MATERIAL SAFETY DATA SHEET

VH602 CEMEX^{pro} - GROUT AND CEMENT RESIDUE REMOVER

It is issued in accordance with provisions of "Republic of Turkey, Ministry of Environment and Urban Planning, Regulation on Safety Data Sheets relating to Hazardous Substances and Mixtures" dated 13 December 2014 and numbered 29204.

PART 1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND COMPANY/DISTRIBUTOR

1.1. Identification of Substance/Mixture:

Product name : CEMEX^{pro} - GROUT AND CEMENT RESIDUE REMOVER

Product code : VH 602

1.2. Identified uses and inadvisable uses of substance or mixture

Identified uses : Acid content, consisting of cement grout and waste and salts destroys any bloom.

Inadvisable uses : Inadvisable special uses have not been identified.

1.3. Information about Material Safety Data Sheet provider

Company name : ELKAY KİMYASAL MADDELER SAN. TİC. A.Ş.

Address : Cumhuriyet Mahallesi İsmet İnönü Caddesi No.35 41420
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1.4. Emergency phone number

Emergency phone number : ELKAY: +90 262 751 21 89

National emergency phone : National poison information center (UZEM): 114 Fire brigade: 110
Emergency health services: 112

PART 2: HAZARDS IDENTIFICATION

2.1. Classification of substance or mixture

Classification Republic of Turkey 28848

T. C. Classification 2. There is no danger in accordance with Annex 28 848 and its subsequent amendments.

Substance or mixture (EC) No 1272/2008 (CLP) not dangerous according to the Regulations.

2.2. Label ingredients

Hazards mark : There is no sign of harmfulness.

Warning word : There is no word of warning.

Hazards phrases: There is no harmfulness said.

Precautionary phrases:

Precaution: P102 : Keep out of reach of children

Intervention: None

Storage: None

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Disposal: None

2.3. Other damages

Product does not contain any substance classified as PBT or vPvB.

PART3: INFORMATION ABOUT COMPOSITION/INGREDIENTS

3.1. Substances

-None

3.2. Mixtures

Substance	C.A.S No-	EINECS	Concentration %	SEA T.C. 28848
				Class, H Phrases*
Sodium Lauryl Sulfate	73296-89-6		8-16	
Citric Acid	5949-29-1	201-069-1	0,5-1	

PART4: FIRST AID MEASURES

4.1. Description of first aid measures

Eyes : Eyes, rinse immediately with plenty of water. Get medical attention if inflammation.

Skin : It should be washed with soap and water.

Ingestion : Get medical attention.

Inhalation : Does not apply.

4.2. Acute and subsequent important symptoms and effects

General information: See Part 11 for additional information about health hazards.

Eyes : Temporarily irritation, redness, burning, swelling, watery eyes.

Skin : Feel irritated temporarily.

Ingestion : Throat, irritation to the digestive tract, diarrhoea and vomiting may cause.

Inhalation : Cough and respiratory tract irritation.

4.3. First marks for medical attention and special treatment requirement

Information to be provided to the doctor: Information not available.

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PART5: FIRE FIGHTING MEASURES

5.1. Fire extinguishers

Suitable fire extinguishing materials: The product is not flammable.

Unsuitable fire extinguishing agents because of safety: Does not apply.

5.2. Specific hazards arising from substance or mixture

Specific hazards : Unknown.

Hazardous combustion products: Unknown.

5.3. Advices for firefighting teams

Protective measures which should be taken during fire extinguishing: Evacuate the area. Avoid breathing fire gases and vapors.

Special protective equipment for fire extinguishing teams: Respiratory protection and protective clothing should be worn.

PART6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: The danger of slipping due to spilled product. Wear suitable protective clothing.

6.2. Environmental precautions

Environmental measures: Avoid spilling into sewer, overground and underground waters, soil. Big spillages: If environmental pollution occurs (sewer, water sources, soil or air) inform the relevant authorities.

6.3. Methods and materials for protection and cleaning

Spillage: Contaminated items and areas, considering environmental regulations, clean it thoroughly. Wash the area with contaminated water.
Cleaning: thoroughly. Wash the area with contaminated water.
Methods:

6.4. References to other parts

Wipe up with absorbent material and dispose according to official regulations.

PART7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Using precautions : When used according to the purpose, does not require special measures. Void direct contact with eyes. General ventilation is recommended.

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7.2. Conditions for safe storage including disagreements

Storage measures: Keep only in its original container.

7.3. Definite final uses

Cleaners (detergents)

PART8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits

Occupational exposure limits have not been established.

8.2. Exposure controls

8.2.1. Suitable engineering

Controls Aeration is not required.

8.2.2 Personal Protective Equipment



Protection of Hands

PVC gloves are required. Check whether gloves maintain their protective properties during the use according to data stated by glove producer, and if any deterioration is determined, change gloves as soon as possible.

Skin Protection

not necessary.

Eye Protection

Wear protective goggles.

Respiratory

not necessary.

Environmental Exposure Controls

not necessary.

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PART9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information about basic physical and chemical properties

Appearance	Liquid
Color	Transparent
Odor	Characteristic
Odor threshold	No available information
pH	2
Melting point	No available information
Boiling point	No available information
Flash point	No available information
Evaporation rate	No available information
Flammability (solid, gas)	No available information
Upper/Lower flammability or explosive limits	No available information
Vapor pressure	No available information
Vapor density	1.02 g/cm ³ 20°C
Solubility	Soluble in water.
Partition coefficient: n-octanol/water	No available information
Auto-ignition temperature	No available information
Viscosity	No available information
Explosive properties	Not explosive
Oxidizing properties	None

9.2. Other information

No available information

PART10: STABILITY AND REACTIVITY

10.1. Reaction

Reaction It does not react.

10.2. Chemical stability

Stability Under normal operating conditions, it is durable.

10.3. Possibility of harmful reaction

Possibility of harmful reaction There is no under normal storage and handling conditions.

10.4. Conditions to avoid

Conditions to avoid No decomposition if used according to specifications.

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10.5. Substances to avoid

Substances to avoid None.

10.6. Detrimental Degradation Products

Detrimental degradation products When used in accordance with the recommended storage conditions and when no decomposition.

PART11: TOXICOLOGICAL INFORMATION

11.1. Information about toxic effects

Material harmless to human health and the environment in case of normal use.

PART12: ECOLOGICAL INFORMATION

General ecological information:

Materials are considered to be light-water pollutants. Soil, should not lead to entering waterways and sewers.

12.1. Toxicity

Fish non-toxicity is unlikely.

Additional information on ecology

Biological effects: Hazard for drinking water supplies. Water, waste water, or do not let the soil.

12.2. Persistence and degradability Can be easily destroyed biologically.

12.3. Bioaccumulative potential No data available about bioaccumulation.

12.4. Mobility in soil No data available.

12.5. PBT and vPvB Assessment results Product does not contain any substance classified as PBT or vPvB.

12.6. Other adverse effects No known significant effects or critical hazards.

PART13: DISPOSAL CONSIDERATIONS

13.1. Waste processing methods

General information Do not allow to enter drains or watercourses.

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Waste formation should be minimized or waste formation should be avoided everywhere possible. Dispose of wastes and residues according to local authority and management requirements.

PART14: TRANSPORT INFORMATION

Road, inland waterways, maritime transport, air transport is not subject to special regulation. As soon as dangerous for shipping. Not classified as hazardous for transport.

Send by mail: Suitable

PART15: REGULATORY INFORMATION

15.1. Safety, health and environment regulation peculiar to substance or mixture

National regulations	National and local regulations must be complied with.
Chemical Safety Assessment	Chemical safety assessment has not been made.

PART16: OTHER INFORMATION

Abbreviations:

SEA	: Regulation on classification, labeling and packaging of substances and mixtures.
UZEM	: National poison information center
Cas No	: Chemical Abstracts Service
EINECS No:	A descriptive list of all substances in the European Union community market.
Un Number	: Numbers to be requested from you by international courier and airway companies if you demand to transport any material which can be considered as dangerous.
TWA	: Short-term exposure limit
STEL	: Time-weighted average exposure limit
PNEC	: Predicted No-Effect Concentration - Environmental hazards
DNEL	: Derived No-Effect Level (for people)
LD 50	: Lethal dose 50 %
LC 50	: Lethal concentration 50 %
IARC	: International Agency for Research on Cancer
PBT	: Permanent and bioaccumulative and toxic
vPvB	: Very permanent and very bioaccumulative
ADR	: European agreement concerning the international carriage of dangerous goods by road
IMDG	: International Maritime Dangerous Goods Code
RID	: Regulation on the international carriage of dangerous goods by rail



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Chapter I

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IATA(DGR) : International air transport association dangerous goods regulation

ADN : European agreement concerning international carriage of dangerous goods by inland waterways

Issuer of Material Safety Data Sheet:

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Informations contained in this material safety data sheet are based on our current knowledge and experience and describe the product with regard to safety requirements. Informations do not describe the specifications of product (product specification). Any agreed specification or conformity of product with a specific purpose cannot be relied on informations contained in this material safety data sheet. Product purchaser is responsible for protection of intellectual property rights and conformity with current laws and regulations in force.