

## SAFETY DATA SHEET

# CM 700 Grovavjämning

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

#### 1.1. Product identifier

##### Trade name

CM 700 Grovavjämning

##### Product no.

70005, 70003, 70009

##### Unique formula identifier (UFI)

V104-3U70-G80U-VFCY

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

##### Relevant identified uses of the substance or mixture

The leveling compound is suitable for new production and renovation. The product is intended for indoor use on substrates of concrete, lightweight concrete, stone and ceramics

##### Uses advised against

Always consult with the publisher of the sheet before considering any other than recommended use.

#### 1.3. Details of the supplier of the safety data sheet

##### Company and address

###### **Combimix AB**

Verkstadsvägen 6

S-746 40 BÅLSTA

+46(0)171-46 65 90

##### Contact person

Johan Schiller

##### E-mail

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##### Revision

08/03/2024

##### SDS Version

1.0

##### Date of previous version

06/03/2024 (1.0)

#### 1.4. Emergency telephone number

In urgent situations: Call 112 and request the poison information centre. (24h service)

In less severe situations: Call 010-456 6700 (24h service)

See also section 4 "First aid measures".

### SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP).

#### 2.1. Classification of the substance or mixture

Eye Irrit. 2; H319, Causes serious eye irritation.

#### 2.2. Label elements

##### Hazard pictogram(s)



#### Signal word

Warning

#### Hazard statement(s)

Causes serious eye irritation. (H319)

#### Precautionary statement(s)

##### General

If medical advice is needed, have product container or label at hand. (P101)

Keep out of reach of children. (P102)

##### Prevention

Wash hands thoroughly after handling. (P264)

Wear eye protection/protective gloves/protective clothing. (P280)

##### Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. (P305+P351+P338)

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

##### Storage

-

##### Disposal

-

#### Hazardous substances

None known.

#### Additional labelling

The content of water-soluble chromate is less than 2 ppm in dry storage up to 12 months from production date. If stored under moist conditions, chromate reduction may be impaired.

UFI: V104-3U70-G80U-VFCY

### 2.3. Other hazards

#### Additional warnings

Upon mixing the product with water it will become corrosive.

When wet concrete or mortar is trapped against the skin by falling inside a worker's boots or gloves or by soaking through protective clothing—the result may be first, second, or third degree burns.

The product contains quartz; working processes in which respirable quartz dust can be developed are covered by the EU cancer Regulation.

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Sand (containing quartz)	CAS No.: 14808-60-7 EC No.: 238-878-4	60-80%		

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

	REACH:			
	Index No.:			
Aluminate cement	CAS No.: 65997-16-2	5-10%	Eye Irrit. 2, H319	[19]
	EC No.: 266-045-5			
	REACH: 01-2119989490-26-XXXX			
	Index No.:			
Portland cement	CAS No.: 65997-15-1	1-3%	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335	[19]
	EC No.: 266-043-4			
	REACH:			
	Index No.:			

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

Additional information on classification: Portland cement is chromate-reduced, and thus has not been classified with H317. May cause allergic skin reaction. This reduction is valid for one year from the production date. After that, the chromate reduction may not apply.

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact

Skin in contact with wet cement should be washed immediately with large amounts of cool clean water. If skin irritation occurs: Get medical advice/attention.

#### Eye contact

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

#### Ingestion

Rinse the mouth thoroughly and then spit the water out. Then drink plenty of water. Never give an unconscious person anything to drink. Contact a doctor if discomfort occurs. Do not induce vomiting, unless the doctor recommends this.

#### Burns

In case of chemical burn: if possible, brush off any material from the skin. Rinse with lukewarm water for at least 20 minutes. Contact a doctor.

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

Workers using cement may develop an allergy to chromium, with symptoms ranging from a mild rash to severe skin ulcers. In addition to skin reactions, hexavalent chromium can cause occupational asthma. Symptoms include wheezing and difficulty breathing. Workers may develop both skin and respiratory allergies to hexavalent chromium.

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

If eye irritation persists: Get medical advice/attention.

##### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Extinguish with means suitable for the environment.

#### 5.2. Special hazards arising from the substance or mixture

The extinguishing water can be corrosive.

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

Avoid inhalation of dust and contact with skin, eyes and clothing.

#### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

#### 6.3. Methods and material for containment and cleaning up

Collect spills carefully. Moist the material with water in order to prevent the formation and propagation of dust.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Avoid contact during pregnancy and while nursing.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

#### 7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Must be stored dry.

##### Recommended storage material

Always store in containers of the same material as the original container.

##### Storage temperature

No specific requirements

##### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Sand (containing quartz)

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 0,1 (respirabelt damm)

Annotations:

C = The substance is carcinogenic.

M = Medical monitoring required.

Occupational exposure limits (AFS 2018:1) and later amendment AFS 2020:6 and AFS 2021:3.

### DNEL

No data available.

### PNEC

No data available.

### 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

#### General recommendations

Provide adequate hygiene facilities on site for workers to wash hands and face at the end of a job and before eating, drinking, smoking, or using the toilet. Facilities for cleaning boots and changing clothes should also be available.

Clothing contaminated by wet cement should be quickly removed. Skin in contact with wet cement should be washed immediately with large amounts of cool clean water.

If possible, avoid working processes where respiratory quartz dust may be developed.

Smoking, drinking and consumption of food is not allowed in the work area.

#### Exposure scenarios

There are no exposure scenarios implemented for this product.

#### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

#### Appropriate technical measures

Mix dry cement in well-ventilated areas.

Work in ways that minimize the amount of cement dust released.

In connection with work processes in which respirable quartz dust can be developed e.g. when cutting and drilling in concrete, extracted air must not be recycled according to EU Cancer Regulation.

Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above).

Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Airborne gas and dust concentrations must be kept at a minimum. Provide efficient mechanical ventilation. If not possible use suitable respiratory equipment.

#### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

Don't wash your hands with water from buckets used for cleaning tools.

#### Measures to avoid environmental exposure

Prevent spread to drains, ground or watercourses.

#### Individual protection measures, such as personal protective equipment


According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

### Generally

Use only CE marked protective equipment.


### Respiratory Equipment

Type	Class	Colour	Standards
SL	P3	White	EN149




### Skin protection

Recommended	Type/Category	Standards
Dedicated work clothing should be worn.	-	-




### Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Gloves	-	-	EN374



### Eye protection

Type	Standards
Safety glasses with side shields.	EN166



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Physical state

Powder

#### Colour

Gray

#### Odour / Odour threshold

Faint

#### pH

-

#### pH in solution

~ 13 (%)

#### Density (g/cm<sup>3</sup>)

No data available

#### Relative density

No data available

#### Kinematic viscosity

No data available

#### Particle characteristics

No data available

#### Phase changes

Melting point/Freezing point (°C)

Not applicable

Softening point/range (waxes and pastes) (°C)

Does not apply to solids.

Boiling point (°C)

Not applicable

Vapour pressure

No data available

Relative vapour density

No data available

Decomposition temperature (°C)

No data available

#### Data on fire and explosion hazards

Flash point (°C)

Not applicable

Flammability (°C)

The material is not combustible.

Auto-ignition temperature (°C)

Not applicable

Lower and upper explosion limit (% v/v)

No data available

#### Solubility

Solubility in water

Hardens in contact with water.

n-octanol/water coefficient (LogKow)

No data available

Solubility in fat (g/L)

No data available

#### 9.2. Other information

Evaporation rate (n-butylacetate = 100)

No data available

Other physical and chemical parameters

No data available.

Oxidizing properties

No data available

## SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Hardens in contact with water. Hardened product not reactive.

#### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### 10.3. Possibility of hazardous reactions

None known.

#### 10.4. Conditions to avoid

None known.

#### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

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

#### Skin corrosion/irritation

Irritating to the skin - may cause redness. Risk of caustic damage in case of prolonged contact with moist skin.

#### Serious eye damage/irritation

Causes serious eye irritation.

#### Respiratory sensitisation

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

#### Skin sensitisation

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

#### Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

#### Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

#### Other information

Sand (containing quartz) has been classified by IARC as a group 1 carcinogen.

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available.

### 12.2. Persistence and degradability

Product/substance	Aluminate cement
Conclusion:	Not biodegradable

### 12.3. Bioaccumulative potential

Product/substance	Aluminate cement
Conclusion:	No potential for bioaccumulation



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

#### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

#### 12.7. Other adverse effects

None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

Dispose of contents/container to an approved waste disposal plant.

SFS Waste regulation (2020:614).

##### EWC code

16 03 04 Inorganic wastes other than those mentioned in 16 03 03

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

### SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

#### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Maritime transport in bulk according to IMO instruments

No data available.

### SECTION 15: Regulatory information

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

##### Restrictions for application

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

##### Demands for specific education

No specific requirements.

##### SEVESO - Categories / dangerous substances

Not applicable.

##### Additional information

Not applicable.

## Sources

SFS Waste regulation (2020:614).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

## 15.2. Chemical safety assessment

No

## SECTION 16: Other information

### Full text of H-phrases as mentioned in section 3

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

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

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

#### ▼ The safety data sheet is validated by

Johan Schiller

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: SE-en