

SAFETY DATA SHEET

23 Haziran 2017 tarihi, 30105 sayılı, „Kimyasalların Kaydı, Değerlendirilmesi, İzni Ve Kısıtlanması Hakkında Yönetmelik, Madde 27“ hükümlerine uygun düzenlenmiştir

Printing Date: 09.07.2025

Version Number: 1.0

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

1.1 Product identifier:

Trade name: **CORROCRETE 555**

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

No further relevant information available.

Relevant identified uses of the substance or mixture: Admixture for concrete and mortar

Identified uses advised against: No further relevant information available.

1.3 Details of the supplier of the safety data sheet:

Manufacturer/supplier:

CHRYSO GULF LLC
Technical Department
Light Industrial Area,
Mesaieed City,
Box: 22849,
Doha, QATAR

TEL: +974 4450 0840

Further information obtainable from:

fds.chryso@chryso.com

fds.chryso@chryso.com

1.4 Emergency telephone number: National poison advisory center (UZEM): 114

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Repr. 1B H360FD May damage fertility. May damage the unborn child.

STOT SE 3 H335 May cause respiratory irritation.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

(Contd. on page 2)

TRE

SAFETY DATA SHEET

23 Haziran 2017 tarihli, 30105 sayılı, „Kimyasalların Kaydı,
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(Contd. of page 1)

Hazard pictograms



GHS05 GHS07 GHS08

Signal word Danger

Hazard-determining components of labelling:

2-(2-aminoethylamino)ethanol
boric acid

Hazard statements

H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H360FD May damage fertility. May damage the unborn child.
H335 May cause respiratory irritation.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.

Additional information:

Restricted to professional users.

Hazard description: Corrosive

2.3 Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

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

Dangerous components:

CAS: 111-41-1 EINECS: 203-867-5 Index number: 603-194-00-0	2-(2-aminoethylamino)ethanol ----- Repr. 1B, H360Df Skin Corr. 1B, H314 Skin Sens. 1, H317 Specific concentration limit: STOT SE 3; H335: C ≥ 5 %	5-<10%
CAS: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2	Sodium carbonate ----- Eye Irrit. 2, H319	1-<3%

(Contd. on page 3)

SAFETY DATA SHEET

23 Haziran 2017 tarihli, 30105 sayılı, „Kimyasalların Kaydı,
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CAS: 10043-35-3 EINECS: 233-139-2 Index number: 005-007-00-2	boric acid Repr. 1B, H360FD	(Contd. of page 2) 0.1-<1%
SVHC		
10043-35-3	boric acid	

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

General information: Get medical advice/attention if you feel unwell.

After inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

After skin contact: Immediately rinse with water.

After eye contact: Rinse cautiously with water for several minutes.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

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

Causes burns.

May cause sensitisation by skin contact.

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

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media:**

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray.

5.2 Special hazards arising from the substance or mixture:

During heating or in case of fire poisonous gases are produced.

5.3 Advice for firefighters:

Additional information: Collect contaminated fire fighting water separately. It must not enter the sewage system.

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

Wear protective equipment. Keep unprotected persons away.

(Contd. on page 4)

TRE

SAFETY DATA SHEET

23 Haziran 2017 tarihi, 30105 sayılı, „Kimyasalların Kaydı, Değerlendirilmesi, İzni Ve Kısıtlanması Hakkında Yönetmelik, Madde 27“ hükümlerine uygun düzenlenmiştir

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(Contd. of page 3)

6.2 Environmental precautions:

Do not allow product to enter drains or any other watercourse. Do not allow undiluted or large quantities of the product to enter groundwater, water courses or drains.

6.3 Methods and material for containment and cleaning up: Use neutralising agent.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling: No special precautions are necessary if used correctly.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities:**STORAGE**

Information about storage in one common storage facility: Keep respiratory protective device available.

Further information about storage conditions: Keep container tightly sealed.

7.3 Specific end use(s): No further relevant information available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters:**

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: Based on the lists valid at the date of SDS creation.

8.2 Exposure controls:

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

(Contd. on page 5)

TRE

SAFETY DATA SHEET

23 Haziran 2017 tarihli, 30105 sayılı, „Kimyasalların Kaydı,
Değerlendirilmesi, İzni Ve Kısıtlanması Hakkında Yönetmelik, Madde 27“
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(Contd. of page 4)

EN 143.

Hand protection**Material of gloves:** Nitrile rubber.**Eye/face protection** Not required.**Body protection:**

Use personal protective equipment as required.

Take off contaminated clothing.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties:****GENERAL INFORMATION**

Physical state	Liquid
Colour:	Brown.
Odour:	Characteristic.
Odour threshold:	Not determined.
Melting point/Melting range:	Undetermined.
Boiling point or initial boiling point and boiling range	Not determined.
Flammability	Not applicable.
Flammability Limits :	
Lower :	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	Not applicable.
Method:	
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
pH at 20 °C	11.5

VISCOSITY

Kinematic viscosity	Not determined.
Dynamic at 20 °C:	19.75 mPas

Solubility

Water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.

Density and/or relative density

Density at 20 °C:	1.027 g/cm ³
Vapour density:	Not determined.
Particle characteristics	Not applicable.

9.2 Other information:

Appearance:	
Form:	Liquid.
Important information on protection of health and environment, and on safety:	
Ignition temperature:	Not determined.

(Contd. on page 6)

SAFETY DATA SHEET

23 Haziran 2017 tarihli, 30105 sayılı, „Kimyasalların Kaydı,
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(Contd. of page 5)

Explosive properties:	Product does not present an explosion hazard.
Change in conditions:-	
Evaporation rate:	Not determined.
Molecular weight	Not determined.

Information with regard to physical hazard classes

Explosives	Not applicable.
Flammable gases	Not classified.
Aerosols	Not classified.
Oxidising gases	Not classified.
Gases under pressure	Not classified.
Flammable liquids	Not classified.
Flammable solids	Not classified.
Self-reactive substances and mixtures	Not classified.
Pyrophoric liquids	Not classified.
Pyrophoric solids	Not classified.
Self-heating substances and mixtures	Not classified.
Substances and mixtures, which emit flammable gases in contact with water	Not classified.
Oxidising liquids	Not classified.
Oxidising solids	Not classified.
Organic peroxides	Not classified.
Corrosive to metals	Not classified.
Desensitised explosives	Not classified.

SECTION 10: Stability and reactivity**10.1 Reactivity:**

Stable under normal conditions.
No further relevant information available.

10.2 Chemical stability:

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.
No further relevant information available.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide

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.

(Contd. on page 7)

TRE

SAFETY DATA SHEET

23 Haziran 2017 tarihli, 30105 sayılı, „Kimyasalların Kaydı, Değerlendirilmesi, İzni Ve Kısıtlanması Hakkında Yönetmelik, Madde 27“ hükümlerine uygun düzenlenmiştir

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Trade name: **CORROCRETE 555**

(Contd. of page 6)

LD/LC50 values relevant for classification:**111-41-1 2-(2-aminoethylamino)ethanol**

Dermal LD50 3,000 mg/kg (rat)

LD50 2,250 mg/kg (rat)

497-19-8 Sodium carbonate

Dermal LD50 4,000 mg/kg (rat)

10043-35-3 boric acid

Dermal LD50 2,660 mg/kg (rat)

Primary irritant effect**Skin corrosion/irritation** Causes severe skin burns and eye damage.**Serious eye damage/irritation** Causes serious eye damage.**Respiratory or skin sensitisation** May cause an allergic skin reaction.**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** May damage fertility. May damage the unborn child.**STOT-single exposure** May cause respiratory irritation.**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.**GHS Health Hazards :****Reproductive Toxicity :** May damage fertility or the unborn child.**11.2 Information on other hazards****Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information**12.1 Toxicity:****AQUATIC TOXICITY** No further relevant information available.**12.2 Persistence and degradability:** No further relevant information available.**12.3 Bioaccumulative potential:** No further relevant information available.**12.4 Mobility in soil:** No further relevant information available.**12.5 Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

(Contd. on page 8)

TRE

SAFETY DATA SHEET

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(Contd. of page 7)

12.7 Other adverse effects:**ADDITIONAL ECOLOGICAL INFORMATION**

General notes: Must not reach sewage water or drainage ditch undiluted or unneutralised.

SECTION 13: Disposal considerations**13.1 Waste treatment methods:**

Recommendation:



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

UNCLEANED PACKAGING

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information**14.1 UN number or ID number**

ADR, IMDG, IATA

Not Regulated

14.2 UN proper shipping name

ADR, IMDG, IATA

Not Regulated

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Not Regulated

14.4 Packing group

ADR, IMDG, IATA

Not Regulated

14.5 Environmental hazards:

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not Regulated

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

See Section 2 for hazard identification.

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

(Contd. on page 9)

TRE

SAFETY DATA SHEET

23 Haziran 2017 tarihli, 30105 sayılı, „Kimyasalların Kaydı,
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(Contd. of page 8)

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 30**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

REGULATION (EU) 2019/1148**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H360Df May damage the unborn child. Suspected of damaging fertility.

H360FD May damage fertility. May damage the unborn child.

The first date of preparation: 09.07.2025**Number of revision times and the latest revision date:** 1.0 / 09.07.2025**Reviewed By:**

Mutlucan Demir - Certified KDU Preparer

Certificate No: TÜV/11.209.08

Certificate Validity Date: 12.09.2028

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TRE