

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

Printing Date: 07.05.2026

Version Number: 1.0

Revision Date: 07.05.2026

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier:**Trade name: ***Chryso®Mortair D***

UFI: 8X32-10H4-N00D-63KY

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: Concrete Admixtures

Identified uses advised against: No further relevant information available.

1.3 Details of the supplier of the safety data sheet:**Manufacturer/supplier:**

Saint-Gobain Construction Chemicals UK Limited
1 Herald Way,
Coventry
CV3 2ZG

Tel : +44 (0)1327 707976

Further information obtainable from:

uk.msds@chryso.com

fds.chryso@chryso.com

1.4 Emergency telephone number:

UK: NHS 111 (Members of the public)

UK NPIS 24-hour telephone number: +44 (0)344 892 0111 (Healthcare professionals only)

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture:****Classification according to Regulation (EC) No 1272/2008**

Eye Dam. 1 H318 Causes serious eye damage.

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

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements:**Labelling according to Regulation (EC) No 1272/2008**

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

Hazard pictograms

GHS05 GHS07

Signal word Danger

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Hazard-determining components of labelling:

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts
2-octyl-2H-isothiazol-3-one

Hazard statements

H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves / eye protection / face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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.

For further information, please refer to the product technical data sheet.

Dangerous components:

CAS: 68891-38-3 EINECS: 270-115-0 Reg.nr.: 2119488639-16-XXXX	Alcohols, C12-14, ethoxylated, sulfates, sodium salts Eye Dam. 1, H318 Skin Irrit. 2, H315 Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: $C \geq 10\%$ Eye Irrit. 2; H319: $5\% \leq C < 10\%$	3-<5%
CAS: 68439-57-6 EINECS: 270-407-8 Reg.nr.: 01-2119513401-57-XXXX	Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts Eye Dam. 1, H318 Skin Irrit. 2, H315	1-<3%
CAS: 107-21-1 EINECS: 203-473-3 Index number: 603-027-00-1 Reg.nr.: 01-2119456816-28-XXXX	Ethylene glycol STOT RE 2, H373 Acute Tox. 4, H302	1-<3%
CAS: 52-51-7 EINECS: 200-143-0 Index number: 603-085-00-8 Reg.nr.: 01-2119980938-15-XXXX	Bronopol Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=100) Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; STOT SE 3, H335 Specific concentration limits: Skin Irrit. 2; H315: $C \geq 10\%$ Eye Dam. 1; H318: $C \geq 3\%$ Eye Irrit. 2; H319: $1\% \leq C < 3\%$	≥ 0.0025 -<0.025%

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CAS: 26530-20-1
EINECS: 247-761-7
Index number: 613-112-00-5
Reg.nr.: 01-2120768921-45-XXXX

2-octyl-2H-isothiazol-3-one
Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330
Skin Corr. 1, H314
Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100)
Skin Sens. 1A, H317
EUH071
ATE: LD50 oral: 125 mg/kg
LD50 dermal: 311 mg/kg
Specific concentration limit:
Skin Sens. 1A; H317: C ≥0.0015 %

≥0.0015-<0.0025%

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: Wash with plenty of soap and water.

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

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

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

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:

No further relevant information available.

5.3 Advice for firefighters:

Protective equipment: Wear self-contained respiratory protective device.

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.

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6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.
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.
Send for recovery or disposal in suitable receptacles.

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:**

Do not eat, drink or smoke when using this product.
Store in a well-ventilated place. Keep container tightly closed.
Keep only in original packaging.
Use only outdoors or in a well-ventilated area.

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

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

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: No special measures required.

Further information about storage conditions:

Protect from frost.
Store in a dry place.
Keep cool.

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:

107-21-1 Ethylene glycol

WEL	Short-term value: 104** mg/m ³ , 40** ppm Long-term value: 10* 52** mg/m ³ , 20** ppm Sk *particulate **vapour
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Additional information: Based on the lists valid at the date of SDS creation.

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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.).

EN 143.

Hand protection

Protective gloves.

EN 374.

Material of gloves:

Nitrile rubber.

PVC gloves

Penetration time of glove material:

The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

Eye/face protection



Safety glasses with side shield protection.

EN 166.

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:	Dark brown.
Odour:	Characteristic.
Odour threshold:	Not determined
Melting point/Melting range:	Undetermined
Boiling point or initial boiling point and boiling range	>100 °C
Flammability	Not applicable

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Flammability Limits :**Lower and upper explosion limit****Lower:** Not determined**Upper:** Not determined**Flash point:** >100 °C**Method:****Auto-ignition temperature:** Not determined.**Decomposition temperature:** Not determined**pH at 20 °C** 4.5-6.5**VISCOSITY****Kinematic viscosity** Not determined**Dynamic:** Not determined**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:** 1.016-1.036 g/cm³**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**Explosive properties:** Product does not present an explosion hazard.**Change in conditions:-****Evaporation rate:** 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.

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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.

Sulphur oxides (SO_x).**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.**LD/LC50 values relevant for classification:****ATE (Acute Toxicity Estimates)**

Oral	LD50	39,370 mg/kg
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107-21-1 Ethylene glycol

Oral	LD50	mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (mouse)

52-51-7 Bronopol

Oral	LD50	305 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)

26530-20-1 2-octyl-2H-isothiazol-3-one

Oral	LD50	125 mg/kg (ATE)
		125 mg/kg (rat)
Dermal	LD50	311 mg/kg (ATE)
	LD50	311 mg/kg (rabbit)
Inhalative	LC50, 4h	2 mg/l (rat)
	LC50, 96h	mg/l (fish)

Primary irritant effect**Skin corrosion/irritation** Based on available data, the classification criteria are not met.**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** Based on available data, the classification criteria are not met.

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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

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity:

AQUATIC TOXICITY

52-51-7 Bronopol

EC50, 72h 0.25 mg/l (algae)

EC50, 48h 1.4 mg/l (daphnia magna)

26530-20-1 2-octyl-2H-isothiazol-3-one

EC20, 0.5h 10.4 mg/l (activated sludge) (TTC-Test (8901 macherey-nagel))

EC20, 3h 7.3 mg/l (activated sludge) (OECD 209)

EC50, 48h 0.32 mg/l (daphnia magna) (Noack 1998a)

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.

12.7 Other adverse effects:

ADDITIONAL ECOLOGICAL INFORMATION

General notes:

Harmful to aquatic organisms.

Harmful to aquatic life with long lasting effects.

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.

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European waste catalogue:

07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01 00	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 99	wastes not otherwise specified

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:**

Poisons Act

Regulated explosives precursors

None of the ingredients is listed.

Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

None of the ingredients is listed.

Directive 2012/18/EU

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

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

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.

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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

108-24-7 | acetic anhydride

2A

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

108-24-7 | acetic anhydride

2

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:

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.

Department issuing SDS:

PRODUCT STEWARDSHIP DEPARTMENT

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