

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

Printing Date: 14.04.2026

Version Number: 1.0

Revision Date: 14.04.2026

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

1.1 Product identifier:

Trade name: **Chryso®Serenis**

UFI: 88WR-40PF-D00C-FXA0

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

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 France
7 rue de l'Europe. 45300.
SERMAISES DU LOIRET.
France

Tel: +(33) 2 38 34 58 00
Fax: +(33) 2 38 39 01 72

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

Tel : +44 (0)1327 707976

Further information obtainable from: 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)
National Poisons Information Service : 0870 600 6266

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Repr. 2 H361d Suspected of damaging the unborn child.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008

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

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Hazard pictograms

GHS07 GHS08

Signal word Warning**Hazard-determining components of labelling:**

2-methylpentane-2,4-diol

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H361d Suspected of damaging the unborn child.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing 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.

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

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: 107-41-5 EINECS: 203-489-0 Index number: 603-053-00-3	2-methylpentane-2,4-diol	Repr. 2, H361d Skin Irrit. 2, H315; Eye Irrit. 2, H319	50-<100%
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SECTION 4: First aid measures

4.1 Description of first aid measures:**General information:** Get medical advice/attention if you feel unwell.**After skin contact:** Immediately rinse with water.

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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: Irritating to eyes.

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

No further relevant information available.

SECTION 5: Firefighting measures

5.2 Special hazards arising from the substance or mixture:

No further relevant information available.

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.

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:

Dispose of the material collected according to regulations.

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

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

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

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Further information about storage conditions:

Protect from frost.

Store in a dry place.

Keep container tightly sealed.

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:****107-41-5 2-methylpentane-2,4-diol**

WEL (Great Britain)	Short-term value: 123 mg/m ³ , 25 ppm Long-term value: 123 mg/m ³ , 25 ppm
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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.

Hand protection**Material of gloves:**

Nitrile rubber

Eye/face protection

Safety glasses.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

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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:	-50 °C
Boiling point or initial boiling point and boiling range	>100 °C
Flammability	Not applicable
Flammability Limits :	
Lower :	
Lower:	1 Vol %
Upper:	9.9 Vol %
Flash point:	Not applicable
Method:	
Auto-ignition temperature:	260 °C (107-41-5 2-methylpentane-2,4-diol)
Decomposition temperature:	Not determined
pH at 20 °C	7
VISCOSITY	
Kinematic viscosity	Not determined
Dynamic:	Not determined
Solubility	
Water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure at 20 °C:	0.065 hPa
Density and/or relative density	
Density at 20 °C:	>1 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
Explosive properties:	Product does not present an explosion hazard.
Molecular weight	118.18 g/mol
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.

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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.

LD/LC50 values relevant for classification: No further data; see section 7.

Primary irritant effect

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation Causes serious eye irritation.

Respiratory or 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 Suspected of damaging the unborn child.

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.

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Additional toxicological information: Suspected of damaging 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.

12.7 Other adverse effects:

ADDITIONAL ECOLOGICAL INFORMATION

General notes: Not known to be hazardous to water.

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

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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.

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.

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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.

National regulations:

Regulations under the Waste Management Act: the classification of waste according to its characteristics and compliance with the applicable laws and regulations are the responsibility of the waste producer, who must therefore scrupulously comply with the regulations under the Waste Management Act.

MAL-Code: 00-1

Danish Working Environment Authority's Order No. 301 of 13 May 1993 establishing code numbers with subsequent amendments:

Determined according to the Executive Order no. 301 of May 13, 1993.

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:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H361d Suspected of damaging the unborn child.

Department issuing SDS:

CHRYSO France
 7 rue de l'Europe. 45300.
 SERMAISES DE LOIRET.
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