

Safety data sheet
According to EC 2020/878

Printing Date: 05.08.2025

Version Number: 1.0

Revision Date: 05.08.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier:**Trade name: ***Chryso®Dem Ekla 20 - DEV*****1.2 Relevant identified uses of the substance or mixture, and uses advised against:**

Relevant identified uses of the substance or mixture: Release agent

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

Further information obtainable from: fds.chryso@chryso.com**1.4 Emergency telephone number:** European emergency phone number : 112**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture:****Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

2.2 Label elements:**Labelling according to Regulation (EC) No 1272/2008** Not classified.**Hazard pictograms** Not classified.**Signal word** Not classified.**Hazard statements** Not classified.**Additional information:**

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

2.3 Other hazards:**Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.

Safety data sheet

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Trade name: **Chryso®Dem Ekla 20 - DEV**

(Contd. of page 1)

SECTION 3: Composition/information on ingredients

3.2 Mixtures

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

Dangerous components:

CAS: 2634-33-5	1,2-benzisothiazol-3(2H)-one	0-<0,036%
EINECS: 220-120-9	Eye Dam. 1, H318	
Index number: 613-088-00-6	Aquatic Acute 1, H400 (M=10)	
Reg.nr.: 01-2120761540-60-XXXX	Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	
	Specific concentration limits: Skin Irrit. 2; H315: C ≥ 10 % Eye Dam. 1; H318: C ≥ 3 % Eye Irrit. 2; H319: 1 % ≤ C < 3 % Skin Sens. 1; H317: C ≥ 0,036 %	

SECTION 4: First aid measures

4.1 Description of first aid measures:

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

After inhalation: No special measures required.

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.

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

No further relevant information available.

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.

(Contd. on page 3)

GB3

Safety data sheet

According to EC 2020/878

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Revision Date: 05.08.2025

Trade name: **Chryso®Dem Ekla 20 - DEV**

(Contd. of page 2)

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**

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

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:

In the case of spray application under normal conditions of use with adequate ventilation, it is not necessary to wear a mask.

(Contd. on page 4)

GB3

Safety data sheet

According to EC 2020/878

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Revision Date: 05.08.2025

Trade name: **Chryso®Dem Ekla 20 - DEV**

(Contd. of page 3)

Hand protection

Material of gloves:



Nitrile rubber

Eye/face protection

Safety glasses.

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:	White.
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:	>100 °C
Method:	
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
pH	Not determined.

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 g/cm ³
Vapour density:	Not determined.
Particle characteristics	Not applicable.

(Contd. on page 5)

GB3

Safety data sheet

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(Contd. of page 4)

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.**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

GB3

(Contd. on page 6)

Safety data sheet

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Trade name: **Chryso®Dem Ekla 20 - DEV**

(Contd. of page 5)

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:

2634-33-5 1,2-benzisothiazol-3(2H)-one

Oral	LD50	532 mg/kg (rat)
Dermal	LD50	>5.000 mg/kg (rat)

Primary irritant effect

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

Serious eye damage/irritation Based on available data, the classification criteria are not met.

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 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

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity:

AQUATIC TOXICITY

2634-33-5 1,2-benzisothiazol-3(2H)-one

EC50, 48h	0,067 mg/l (algae)
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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 7)

Safety data sheet

According to EC 2020/878

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(Contd. of page 6)

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:**

Code of the environment : art. L541-11 to 39 and art. R.541-13 to 41 : elimination of the waste : Applicable.

Decree from 29/07/2005 : Control of the elimination's circuit : Applicable



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

Transport/Additional information:

ADR

Remarks:

> 5 l: 9

IATA

Remarks:

> 5 l: Class 9

GB3

(Contd. on page 8)

Safety data sheet

According to EC 2020/878

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(Contd. of page 7)

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.

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:

H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H400 Very toxic to aquatic life.

Department issuing SDS:

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

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

Other Information:

Method used for the classification according to the directive 99/45/CE for the mixture : calculation

(Contd. on page 9)

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Trade name: *Chryso®Dem Ekla 20 - DEV*

(Contd. of page 8)

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GB3