

Safety Data Sheet
according to Regulation (EC) No 1907/2006, Article 31, as
amended by Regulation (EU) 2020/878.

Printing date 18.03.2026

Version number 1

Revision: 18.03.2026

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

1.1 Product identifier

Trade name: **Chryso Dem Clarol 650**

Safety data sheet no.: 358P1152

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

The product is intended for industrial or professional use.

Application of the substance / the mixture

Construction chemicals

Release agent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Saint-Gobain Finland Oy

PL 70

(Strömberginkuja 2)

FIN-00381 Helsinki

Phone: +358-(0)10-44 22 00

e-mail: DL-productsafety.fi@saint-gobain.com

1.4 Emergency telephone number:

+358 800 147 111

+358 9 471 977

Finnish Poison Information Centre

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 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Additional information:

EUH210 Safety data sheet available on request.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

Determination of endocrine-disrupting properties

Does not contain substances with endocrine-disrupting properties.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture consisting of the following components.

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Dangerous components:		
EC number: 918-481-9 Reg.nr.: 01-2119457273-39-xxxx	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics ☠ Asp. Tox. 1, H304, EUH066	5-10%
CAS: 34140-91-5 EINECS: 251-846-4 Reg.nr.: 01-2119974119-29-xxxx	oleic acid compound with (Z)-N-octadec-9-enylpropane-1,3-diamine (2:1) ☠ STOT RE 2, H373; ☠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 2, H411; ☠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	1-2%

SVHC Void

Additional information For the wording of the listed hazard statements refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Never administer anything by mouth to an unconscious person.

If unconscious, place the patient in a stable side position and consult a doctor

After inhalation Supply fresh air.

After skin contact Immediately rinse with water.

After eye contact

Rinse immediately and abundantly with water. Seek medical attention, if pain or redness persists.

Remove contact lenses, if possible. Continue rinsing

After swallowing

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

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

5.1 Extinguishing media

Suitable extinguishing agents

CO2, sand, extinguishing powder. Do not use water.

Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents Water.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: Use methods suitable to surrounding conditions.

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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 to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb liquid components with liquid-binding material.

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:

Store only in unopened original receptacles.

Information about storage in one common storage facility: Store away from foodstuffs.

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:

DNELs		
CAS: 34140-91-5 oleic acid compound with (Z)-N-octadec-9-enylpropane-1,3-diamine (2:1)		
Oral	Derived No Effect Level	0.05 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	0.014 mg/kgxday (worker systemic long term value)
		0.005 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	0.0984 mg/m ³ (worker systemic long term value)
		0.0174 mg/m ³ (consumer systemic long term value)
PNECs		
CAS: 34140-91-5 oleic acid compound with (Z)-N-octadec-9-enylpropane-1,3-diamine (2:1)		
Predicted No-Effect Concentration		1.1 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration		0.00646 mg/l (fresh water rating factor)

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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.

Wash hands before breaks and at the end of work.

Respiratory protection:

Not necessary if room is well-ventilated.

Filter P2.

Hand protection

Protective gloves against chemicals (standard EN 374-1)

Check protective gloves prior to each use for their proper condition.

Material of gloves Nitrile rubber, NBR

Eye/face protection Protective eyewear (standard EN 166)

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state

Liquid

Colour:

Yellow

Odour:

Characteristic

Odour threshold:

Not determined

Melting point/freezing point:

Undetermined

Boiling point or initial boiling point and boiling range

Undetermined

Flammability

Not applicable

Lower and upper explosion limit

Lower:

Not determined

Upper:

Not determined

Flash point:

>93 °C (DIN ISO 2592)

Auto-ignition temperature:

Not determined.

Decomposition temperature:

Not determined

pH

Not determined

Viscosity:

Kinematic viscosity

Not determined.

dynamic:

Not determined.

Solubility

Water:

Not miscible or difficult to mix

Partition coefficient n-octanol/water (log value) Not determined

Vapour pressure:

Not determined

Density and/or relative density

Density at 20 °C:

<1 g/cm³ (DIN 51757)

Relative density

Not determined

Bulk density:

Not applicable.

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Vapour density	Not determined
9.2 Other information	
Appearance:	
Form:	Liquid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not self-igniting.
Explosive properties:	Product does not present an explosion hazard.
Minimum ignition energy	
Solvent separation test:	Not determined
EU-VOC (g/L)	
Solids content:	0.0 %
Change in condition	
Softening point/range	
Oxidising properties	Not determined.
Evaporation rate	Not determined
Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability Stable at recommended storage conditions

Thermal decomposition / Conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known

10.4 Conditions to avoid No further relevant information available.

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10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products:

Carbon monoxide

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:

Components		Type	Value	Species
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics				
Oral	LD50		>15,000 mg/kg	(Rat)
Dermal	LD50		>3,160 mg/kg	(Rabbit)
CAS: 34140-91-5 oleic acid compound with (Z)-N-octadec-9-enylpropane-1,3-diamine (2:1)				
Oral	LD50		>2,000 mg/kg	(Rat)
Dermal	LD50		>2,000 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: Not classified as harmful to aquatic life

Type of test / Effective concentration / Method / Assessment	
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
LC50/96h	0.002-0.004 mg/l (aquatic invertebrates)
EC50/48h	0.002-0.004 mg/l (aquatic invertebrates)
NOEC (72h)	100-1,000 mg/l (aquatic algae and cyanobacteria)
NOEC (21d)	0.176 mg/l (aquatic invertebrates)
EC 10	1,000 mg/l (microorganisms)

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CAS: 34140-91-5 oleic acid compound with (Z)-N-octadec-9-enylpropane-1,3-diamine (2:1)

LC50/96h	0.95-1.35 mg/l (Fish)
EC50/96h	0.95-1.35 mg/l (Fish)
EC50/72h	0.00473-0.006 mg/l (aquatic algae and cyanobacteria)
NOEC (14d)	111.1-1,000 mg/l (terrestrial plants)

12.2 Persistence and degradability No further relevant information available.

Method

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Biod. (28 days) >90 %

CAS: 34140-91-5 oleic acid compound with (Z)-N-octadec-9-enylpropane-1,3-diamine (2:1)

Biod. (28 days) >90 %

12.3 Bioaccumulative potential

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

EBAB 3.17-7.22 log Pow

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

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: Do not allow product to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Dispose of the product in accordance with national and local regulations.

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 Void

14.2 UN proper shipping name
 ADR, IMDG, IATA Void

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14.3 Transport hazard class(es)	
ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group	
ADR, IMDG, IATA	Void
14.5 Environmental hazards:	Not applicable
14.6 Special precautions for user	Not applicable
14.7 Maritime transport in bulk according to IMO instruments	Not applicable
UN "Model Regulation":	Void

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)
 Regulation (EC) No 1272/2008 (CLP)
 Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)
Labelling according to Regulation (EC) No 1272/2008 cf. section 2

Directive 2012/18/EU

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

REGULATION (EU) 2017/852 on mercury (Annex I)

None of the ingredients is listed.

REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)

None of the ingredients is listed.

Regulation (EU) No 649/2012

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.

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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.

REGULATION (EU) 2024/590 on substances that deplete the ozone layer

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.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Relevant phrases

The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

Department issuing SDS: QEHS**Contact:**

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DL-productsafety.fi@saint-gobain.com

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern (REACH regulation)

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vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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