Safety Data Sheet
acc. to OSHA HCS

Date of issue: 10/16/2026 **Version Number 1.0** **Reviewed on 10/16/2026**

1 Identification

Product identifier

Trade name: ***Chryso®Optec EC-978***

Other means of identification

SDS ID Number: SD60139

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

Specialty construction product. Not intended for other uses.

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Chryso, Inc.
12770 Merit Drive, Suite 750
Dallas, TX 75251 USA

GCP Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada

Information department:

Customer Service
+1-877-423-6491
Safety Data Sheets
sds.chryso@saint-gobain.com

Emergency telephone number:

Transport Emergency: Chemtrec: +1-800-424-9300 (24 hours)

2 Hazard(s) identification

Classification of the substance or mixture

Eye irritation 2A H319 Causes serious eye irritation.
Additional information: The full text of the classification and labeling elements mentioned is given in Section 16.

Label elements:

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



GHS07

Signal word Warning

Hazard statements
Causes serious eye irritation.

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Precautionary statements
Wash thoroughly after handling.
Wear eye protection / face protection.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Hazard Classification:
NFPA ratings (scale 0 - 4)



Health = 1
Fire = 1
Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = 2
Flammability = 1
Reactivity = 0

Classification according to (d)(1)(ii) of § 1910.1200
The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

Hazards not otherwise classified
There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

3 Composition/information on ingredients

Chemical characterization: Mixture

Description: Mixture of the hazardous substance(s) listed below with additional nonhazardous ingredients.

Hazardous components:		
68439-57-6	Sodium C14-16 alpha-olefin sulfonate	0.5-1.5%

4 First-aid measures

Description of first aid measures

General information:

Get medical advice/attention if you feel unwell.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
No special measures required.

After skin contact:
Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

After eye contact:

Rinse cautiously with water for several minutes.

Seek immediate medical advice.

After swallowing:

Rinse mouth.

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Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed Irritating to eyes.

Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Fire-fighting measures

Extinguishing media

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

Special hazards arising from the substance or mixture

Combustion products can include toxic gases such as carbon monoxide and smoke.

Advice for firefighters

Protective equipment: Wear personal protective equipment.

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

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Methods and material for containment and cleaning up:

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

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.
Oil spills released directly to waterways may be subject to National Response Center reporting (1-800-424-8802).
Contact your company's environmental coordinator.

7 Handling and storage

Precautions for safe handling

Avoid contact with eyes, skin and clothing.
Do not take internally.
Practice good personal hygiene to avoid ingestion.
Use only with adequate ventilation.
Wash clothing before reuse.
FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

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

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

Further information about storage conditions: Keep receptacle tightly sealed.

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

8 Exposure controls/personal protection

Control parameters

Components 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: The lists that were valid during the creation were used as basis.

Exposure controls

Appropriate engineering controls No further data.

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Breathing equipment:

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.).

Protection of hands:
Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves Rubber or other impervious gloves should be worn to prevent skin contact.

Eye protection:



Safety glasses with side shield protection.



A face shield should also be worn if there is potential exposure to splash or spray.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Physical state	Liquid

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Color:	Cream colored
Odor:	Characteristic
Melting point/Freezing point:	Undetermined
Flammability:	Not applicable
Explosion limits:	
Lower:	Not applicable
Upper:	Not applicable
Flash point:	Not applicable
Method:	
Auto igniting:	Undetermined
pH-value (~) at 20 °C (68 °F):	5
Viscosity:	
Kinematic:	Not determined
Dynamic:	Not determined
Solubility in / Miscibility with	
Water:	Fully miscible.
Partition coefficient (n-octanol/water):	Not determined
Vapor pressure:	
Density: (~) at 20 °C (68 °F)	0.98 g/cm³ (8.178 lbs/gal)
Vapor density	Not determined
Particle characteristics	Not applicable

Other information

Appearance:	
Form:	Liquid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Change in condition	
Evaporation rate	Not applicable.

10 Stability and reactivity

Reactivity No further relevant information available.

Chemical stability

Thermal decomposition: No decomposition if used according to specifications.

Possibility of hazardous reactions

No dangerous reactions known.
No further relevant information available.

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products:

Carbon monoxide and carbon dioxide
Hydrocarbons
Other potentially hazardous products may also be formed.

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11 Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification: No further data.

Primary irritant effect:

on the eye: Causes serious eye irritation.

Ingestion:

Additional Toxicological Information:
Chemicals contained in this product can affect the skin, heart, brain, liver, kidneys, lungs and spleen. Over exposure by inhalation may be fatal due to pulmonary edema (fluid in lungs). This material may be harmful or fatal if swallowed. Ingestion may result in vomiting; aspiration (breathing) of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis. Some harmful effects are also possible through skin absorption.
Interactive effects No interactive effects between components are known.

IARC (International Agency for Research on Cancer) Human Carcinogenicity: **Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable**
None of the ingredients are listed.

NTP (National Toxicology Program) **K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic**
None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients are listed.

Alternative sources for toxicological information
No non-standard sources for toxicological information where used.

12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Results of PBT and vPvB assessment

PBT: Not applicable
vPvB: Not applicable

Additional ecological information:

General notes: Not known to be hazardous to water.

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13 Disposal considerations

Disposal methods:

Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing product for disposal. Dispose of waste in accordance with all applicable regulations.

Recommendation:



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

Uncleaned packagings:

Recommendation:
Dispose of contents/container in accordance with local/regional/national/international regulations.

14 Transport information

UN-Number **DOT, IMDG, IATA**	Not applicable.
UN proper shipping name **DOT, IMDG, IATA**	Not applicable.
Transport hazard class(es) **DOT, IMDG, IATA** **Class**	Not applicable.
Packing group **DOT, IMDG, IATA**	Not applicable.
Environmental hazards: **Marine pollutant:**	No
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
Transport/Additional information: **DOT** **Remarks:**	Not classified as a dangerous good for transport by road, rail or air. Unregulated.
UN "Model Regulation":	Not applicable.

15 Regulatory information

Other regulations in domestic and foreign countries

SARA (Superfund Amendments and Reauthorization Act)

Section 302/304 (extremely hazardous substances):
None of the ingredients is listed.

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Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):
None of the ingredients is listed.

North America Chemical Inventory Status

TSCA (Toxic Substances Control Act - United States): (Substances not listed)
All ingredients are listed or exempt from listing unless otherwise noted below.

Canadian Domestic Substances List (DSL): (Substances not listed.)
All ingredients are listed or exempt from listing unless otherwise noted below.

Right to Know Ingredient Disclosure:

7732-18-5	Water
61790-12-3	Tall oil fatty acids

California Proposition 65: (Substances <0.1% unless noted in Section 3)

Chemicals known to cause cancer:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:
None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:
None of the ingredients are listed.

Chemicals known to cause developmental toxicity:
None of the ingredients are listed.

Volatile Organic Compounds (VOC) reported per the Emission Standards.
If no g/L value is provided this product is not subject to above standard.

Per- and polyfluoroalkyl substances (PFAS)
None of the ingredients are listed.

16 Other information

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

Department issuing SDS:

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