

## Safety Data Sheet

Date of issue: 02/18/2025

Version Number 1.0

Reviewed on 02/18/2025

### 1 Identification

#### Product identifier

Trade name: **CHRYSO® DEM AQUAROL 350**

#### Other means of identification

SDS ID Number: 34260

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

Specialty construction chemical or material. Not intended for other uses.

Relevant identified uses of the substance or mixture: Release agent

Identified uses advised against:

#### Details of the supplier of the safety data sheet

##### Manufacturer/Supplier:

GCP Applied Technologies  
2325 Lakeview Pkwy  
Alpharetta GA 30009 USA

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

##### Information department:

fds.chryso@chryso.com

##### Environmental Health & Safety:

USA: +1-617-876-1400 (24 hours)  
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts  
CAN: 1-905-683-8561 (24 hours)  
Email address: msds.gcp@gcpat.com

#### Emergency telephone number:

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

### 2 Hazard(s) identification

#### Classification of the substance or mixture

Sensitization - skin 1 May cause an allergic skin reaction.

**Label elements:** The product is classified and labeled according to the Globally Harmonized System (GHS)

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## Hazard pictograms



## Signal word Warning

## Hazard statements

May cause an allergic skin reaction.

## Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves.

If on skin: Wash with plenty of water.

If skin irritation or rash occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

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

## Hazard Classification:

## NFPA ratings (scale 0 - 4)



Health = 2

Fire = 1

Reactivity = 0

## HMIS-ratings (scale 0 - 4)



Health = 2

Flammability = 1

Reactivity = 0

## Other hazards

## Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

## 3 Composition/information on ingredients

## Chemical characterization: Mixture

## Hazardous components:

|         |                                                                                                               |         |
|---------|---------------------------------------------------------------------------------------------------------------|---------|
|         | Fatty acids, tall-oil, reaction products with boric acid (H <sub>3</sub> BO <sub>3</sub> ) and diethanolamine | 0.1-<1% |
| 59-50-7 | chlorocresol                                                                                                  | 0.1-<1% |

Additional information: Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.

## 4 First-aid measures

## 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.

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**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.

**After swallowing:**

Rinse mouth.

Do NOT induce vomiting.

**Most important symptoms and effects, both acute and delayed** Allergic reactions

**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**5 Fire-fighting measures****Extinguishing media**

**Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

**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.

**Environmental precautions:**

Do not allow product to enter sewers or other watercourses. Do not allow undiluted or large quantities of product to enter groundwater, water courses or drains.

**Methods and material for containment and cleaning up:**

Dispose of the collected material according to regulations.

**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.

**7 Handling and storage**

**Precautions for safe handling** Prevent formation of aerosols.

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

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**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 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.

Canadian employers must consult the exposure limits in their province.

**Exposure controls****Appropriate engineering controls** No further data; see section 7.**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.



Nitrile rubber

**Eye protection:**

Safety glasses with side shield protection.

**Body protection:**

Use personal protective equipment as required.

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Take off contaminated clothing.

**9 Physical and chemical properties****Information on basic physical and chemical properties****General Information**

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| Physical state                           | Liquid                              |
| Color:                                   | White                               |
| Odor:                                    | Characteristic                      |
| Odor threshold:                          | Not determined.                     |
| Melting point/Melting range:             | Undetermined.                       |
| Boiling point/Boiling range:             | 100 °C (212 °F)                     |
| Flammability:                            | Not applicable.                     |
| Lower:                                   | Not applicable.                     |
| Upper:                                   | Not applicable.                     |
| Flash point:                             | >100 °C (>212 °F)                   |
| Method:                                  |                                     |
| Auto igniting:                           | >320 °C (>608 °F)                   |
| Decomposition temperature:               | Not determined.                     |
| pH-value (~) at 20 °C (68 °F):           | 9.55                                |
| Viscosity:                               |                                     |
| Kinematic:                               | Not determined.                     |
| Dynamic:                                 | Not determined.                     |
| Solubility in / Miscibility with         |                                     |
| Water:                                   | Fully miscible.                     |
| Partition coefficient (n-octanol/water): | Not determined.                     |
| Vapor pressure at 20 °C (68 °F):         | <0.5 hPa (<0.4 mm Hg)               |
| Vapor pressure:                          |                                     |
| Density: (~) at 20 °C (68 °F)            | 0.9 g/cm <sup>3</sup> (7.5 lbs/gal) |
| Vapor density                            | Not determined.                     |
| Particle characteristics                 | Not applicable.                     |

**Other information**

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

**10 Stability and reactivity****Reactivity**

Stable under normal conditions.  
No further relevant information available.

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**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**11 Toxicological information****Information on toxicological effects****Acute toxicity:****LD/LC50 values relevant for classification:****59-50-7 chlorocresol**

|        |      |                    |
|--------|------|--------------------|
| Dermal | LD50 | 1,830 mg/kg (rat)  |
|        | LD50 | >2,000 mg/kg (rat) |

**Primary irritant effect:****on the skin:** Does not cause irritation.**on the eye:** No irritating effect expected**inhalation:** No irritating effect expected**Sensitization:** May cause an allergic skin reaction.**Additional toxicological information:****59-50-7 chlorocresol**

|      |      |                          |
|------|------|--------------------------|
| Oral | NOEL | 134 mg/kg (rat - female) |
|      |      | 103 mg/kg (rat - male)   |

**Carcinogenic categories****IARC (International Agency for Research on Cancer) Human Carcinogenicity:****Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable**

102-71-6 Triethanolamine

3

**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.

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**12 Ecological information****Toxicity****Aquatic toxicity:****59-50-7 chlorocresol**

|           |                          |
|-----------|--------------------------|
| CL50, 96h | 5.7 mg/l (fish)          |
| CE50, 48h | 3.9 mg/l (daphnia magna) |
| CE50, 72h | 11.1 mg/l (algae)        |

**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.**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.

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**Packing group**

DOT, IMDG, IATA

Not applicable.

**Environmental hazards:**

Not applicable.

**Transport/Additional information:**

DOT

Remarks:

Not Regulated.

**Special precautions for user** Not applicable.**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.

**Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):**

None of the ingredients is listed.

**SARA Section 312/Tier I & II Hazard Categories:** Health Hazard - Respiratory or Skin Sensitization**North America Chemical Inventory Status****TSCA (Toxic Substances Control Act - United States):**

All ingredients are listed or exempt from listing unless otherwise noted below.

**CEPA (Canadian DSL):**

All ingredients are listed or exempt from listing unless otherwise noted below.

**Right to Know Ingredient Disclosure:**

7732-18-5 | Water

848301-69-9 | Distillates (Fischer - Tropsch), heavy, C18-50 - branched, cyclic and linear

**California Proposition 65: (Substances <0.1% unless noted in Section 3)****Chemicals known to cause cancer:**

Benzene

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for males:**

71-43-2 | Benzene

**Chemicals known to cause developmental toxicity:**

71-43-2 | Benzene

**Carcinogenicity Categories****TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)****Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable**

None of the ingredients are listed.

**NIOSH-Cancer (National Institute for Occupational Safety and Health)**

None of the ingredients are listed.

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**Volatile Organic Compounds (VOC) reported per the Emission Standards.**

If no g/L value is provided this product is not subject to above standard.

**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:**

GCP Applied Technologies

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