

Safety Data Sheet

Printing date 09/23/2024

Version Number 1.0

Reviewed on 09/23/2024

1 Identification

Product identifier

Trade name: **CHRYSO EnviroMix 159**

SDS ID Number: 1784

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

Specialty construction product. Not intended for other uses.

Identified uses advised against:

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

CHRYSO, Inc.
3958 Ruger Dr.
Royse City, Texas 75189

Telephone: (972) 772-6010

Emergency telephone number: 24 Hour Contact : CHEMTREC 1-800-424-9300

2 Hazard(s) identification

Classification of the substance or mixture



Causes serious eye irritation.

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

Hazard pictograms



Warning

Hazard statements

Causes serious eye irritation.

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.

(Cont. on page 2)

USGHS

Safety Data Sheet

Printing date 09/23/2024

Version Number 1.0

Reviewed on 09/23/2024

Trade name: **CHRYSO EnviroMix 159**

(Cont. from page 1)

Hazard description:

NFPA ratings (scale 0 - 4)



Health = 2

Fire = 0

Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = *2

Flammability = 0

Reactivity = 0

Other hazards**Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

3 Composition/information on ingredients**Chemical characterization: Mixture**

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

Hazardous components:

540-72-7	Sodium thiocyanate	10-<15%
7631-99-4	Sodium nitrate	7.5-<10%
102-71-6	Triethanolamine	1-<3%

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:** 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.

Information for doctor:**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.

USGHS

(Cont. on page 3)

Trade name: **CHRYSO EnviroMix 159**

(Cont. from page 2)

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.

7 Handling and storage

Handling:

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:

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.

Trade name: **CHRYSO EnviroMix 159**

(Cont. from page 3)

8 Exposure controls/personal protection**Additional information about design of technical systems:** No further data; see section 7.**Control parameters****Components with limit values that require monitoring at the workplace:****102-71-6 Triethanolamine**

EL (Canada)	Long-term value: 5 mg/m ³
EV (Canada)	Long-term value: 3.1 mg/m ³ , 0.5 ppm
TLV (USA)	Long-term value: 5 mg/m ³

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**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.

Safety Data Sheet

Printing date 09/23/2024

Version Number 1.0

Reviewed on 09/23/2024

Trade name: **CHRYSO EnviroMix 159**

(Cont. from page 4)

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

Form:	Liquid
Color:	Blue/green
Odor:	Characteristic
Odor threshold:	Not applicable.

pH-value (~) at 20 °C (68 °F): 9

Change in condition

Melting point/Melting range:	0 °C (32 °F)
Boiling point/Boiling range:	100 °C (212 °F)
Flash point:	Not applicable.

Flammability (solid, gaseous): Not applicable.**Auto igniting:** Undetermined.**Decomposition temperature:** Not applicable under normal storage conditions.**Ignition temperature:** Product is not self-igniting.**Danger of explosion:** Product does not present an explosion hazard.**Lower:** Not applicable.**Upper:** Not applicable.**Vapor pressure:** Not determined.**Density: (~) at 20 °C (68 °F)** 1.1 g/cm³ (9.2 lbs/gal)**Vapor density** Not determined.**Evaporation rate** Not applicable.**Solubility in / Miscibility with****Water:** Not miscible or difficult to mix.**Partition coefficient (n-octanol/water):** Not determined.**Viscosity:****Dynamic:** Not determined.**Kinematic:** Not determined.**Molecular weight** Not determined.**Other information**

No further relevant information available.

10 Stability and reactivity**Reactivity**

Stable under normal conditions.

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.

(Cont. on page 6)

USGHS

Safety Data Sheet

Printing date 09/23/2024

Version Number 1.0

Reviewed on 09/23/2024

Trade name: **CHRYSO EnviroMix 159**

(Cont. from page 5)

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:****102-71-6 Triethanolamine**

Oral	LD50	5,300 mg/kg (guinea pig) 6,400 mg/kg (rat - male)
Dermal	LD50	>10,000 mg/kg (rabbit)
	LC50, 96h	11,800 mg/l (fish)

Primary irritant effect:**on the skin:** Does not cause irritation.**on the eye:** Causes serious eye irritation.**inhalation:** No irritating effect expected**Additional toxicological information:****102-71-6 Triethanolamine**

NOEC/NOEL | 16 mg/l (crustaceans) (Chronic NOEC)

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.

12 Ecological information**Toxicity****Aquatic toxicity:****102-71-6 Triethanolamine**

EC50, 72h	512 mg/l (algae)
EC50, 48h	609.88 mg/l (daphnia magna)

Persistence and degradability No further relevant information available.

(Cont. on page 7)

Safety Data Sheet

Printing date 09/23/2024

Version Number 1.0

Reviewed on 09/23/2024

Trade name: **CHRYSO EnviroMix 159**

(Cont. from page 6)

Behavior in environmental systems:**Bioaccumulative potential** No further relevant information available.**Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:** Not known to be hazardous to water.**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**13 Disposal considerations****Disposal methods:****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.

Transport hazard class(es)

DOT, IMDG, IATA

Class -No

Label -No

Packing group

DOT, IMDG, IATA Not applicable.

Environmental hazards: Not applicable.**Special precautions for user** Not applicable.**UN "Model Regulation":** Not applicable.

USGHS

(Cont. on page 8)

Safety Data Sheet

Printing date 09/23/2024

Version Number 1.0

Reviewed on 09/23/2024

Trade name: **CHRYSO EnviroMix 159**

(Cont. from page 7)

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 - Serious eye damage or eye irritation**North America Chemical Inventory Status****TSCA (Toxic Substances Control Act - United States):**

Inventory listing could not be confirmed for one or more substances.

CEPA (Canadian DSL):

Inventory listing could not be confirmed for one or more substances.

Right to Know Ingredient Disclosure:

7732-18-5	Water
64787-97-9	Sulphonated melamine-formaldehyde polymer
573693-18-2	Polycarboxylate based polymer

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

Formaldehyde

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.

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

Triethanolamine

A3

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

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.

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.

Department issuing SDS:

GCP Applied Technologies

2325 Lakeview Pkwy

Alpharetta GA, 30009 USA

USA: +1-617-876-1400 (24 hours)

(Cont. on page 9)

USGHS

Safety Data Sheet

Printing date 09/23/2024

Version Number 1.0

Reviewed on 09/23/2024

Trade name: *CHRYSO EnviroMix 159*

+1-800-354-5414

(Cont. from page 8)

The first date of preparation 02/29/2024

Number of revision times and the latest revision date 1.0 / 09/23/2024

USGHS