

1. Identification

Product identifier used on the label:

Product number: 33240103
Product name: REDIPRO® 7000
anionic liquid additive

Other means of identification:

Chemical family: Carbohydrate

Recommended use of the chemical and restrictions on use:

Recommended use: Papermaking

Restrictions on use: Not Available

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:

Ingredion Incorporated
5 Westbrook Corporate Center
Westchester, IL. 60154, USA
Phone: 708-551-2600 (business hours)
MEDICAL: 1-866-374-2659 (Health & Safety Call Center - 24 hours)
TRANSPORT: 1-800-424-9400 (CHEMTREC - 24 hours)

Emergency phone number:

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard Symbols:**GHS Classification:**

Skin Sensitisation Category 1

Signal Word:

Warning

Hazard Statements:

May cause an allergic skin reaction.

Precautionary Statements:**Prevention:**

Avoid breathing dust/fume/gas/mist/vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing.

Response:

If on skin: Wash with plenty of water.
Specific treatment (see Sections 4 to 8 on this SDS and any additional information on product label).
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

Hazards not otherwise classified: None known.

3. Composition/information on ingredients

Chemical Name	CAS #	Concentration (% by weight)
5-Chloro-2-methyl-2H-isothiazol-3-one/2-methyl-2H-isothiazol-3-one (3:1) mixture	55965-84-9	<0.01

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation:	First aid is not normally required.
Eye Contact:	Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. If symptoms develop, obtain medical attention.
Skin Contact:	Wash skin with soap and water.
Ingestion:	Treat symptomatically and supportively. Get medical attention.
Most important symptoms/effects, acute and delayed:	SKIN SENSITIZER.
Indication of immediate medical attention and special treatment needed, if necessary:	No further first aid information is available.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:	Not Applicable
Unsuitable extinguishing media:	None known.

Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products): Non-combustible.

Hazardous combustion products:	This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.
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Special protective equipment and precautions for fire-fighters: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment as required.

Methods and materials for containment and cleaning up:

Absorb spillages onto sand, earth or any suitable absorbent material. Wash the spillage area with water. Washings must be prevented from entering surface water drains. Disposal should be in accordance with local, state or national legislation.

7. Handling and storage

Precautions for safe handling:

As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions:

Protect from freezing.

Sensitivity to Static Electricity:

No

Other precautions:

None known

Materials to Avoid/Chemical Incompatibility:

None known

8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.:

Chemical Name	OSHA PEL	ACGIH TLV-TWA	AIHA Exposure limits
No data available			

Appropriate engineering controls:

Normal ventilation expected to be adequate.

Individual protection measures, such as personal protective equipment:

Respiratory Protection:

None required under normal handling conditions.

Eye protection:

Chemical safety glasses.

Skin protection:

Employee must wear appropriate protective gloves to prevent contact with this substance.

Gloves:

Gloves are not normally required for foreseeable conditions of use.

Other protective equipment:

Remove contaminated clothing and launder before reuse.

General hygiene conditions:

Wash before eating, drinking, or using toilet facilities.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Pure Substance or Mixture: Mixture

Physical state: Liquid

Color: Amber

Odor: Slight**Odor Threshold:** Not available**pH:** Approximately 6**pH in (1%) Solution:** Not available**Melting point/freezing point:**

Melting Point (°C): Not available

Freezing point (°C): Not available

Initial boiling point and boiling range: Not available**Flash Point:** Not applicable**Evaporation Rate:** 1 (Water = 1)**Flammability (solid, gas):** No**Upper/lower flammability or explosive limits:**

Upper flammability or explosive limits: Not available

Lower flammability or explosive limits: Not available

Vapor pressure: Not available**Vapor density:** Not available**Relative density:** 1.1**Solubility(ies):** Soluble in water**Partition coefficient: n-octanol/water:** Not available**Auto-ignition temperature:** Not applicable**Decomposition temperature:** Not available**Viscosity:** Not available**Volatiles:** Approximately 75 % Water**Volatile Organic Chemicals (VOC):** Not available

10. Stability and reactivity

Reactivity: Not expected to be reactive.**Chemical stability:** Stable**Possibility of hazardous reactions:** Hazardous polymerization will not occur.**Conditions to avoid (e.g., static discharge, shock, or vibration):** None known**Incompatible materials:** None known

Hazardous decomposition products: No hazardous decomposition products known.

11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion, Skin Contact, Eye Contact

Target Organs Potentially Affected by Exposure: Not applicable.

Symptoms related to the physical, chemical and toxicological characteristics: No data available

Toxic effects: No known hazards are associated with the use of this material.

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Acute Toxicity:

Acute Toxicity - Oral: Based on available data, the GHS classification criteria are not met.

Acute Toxicity - Dermal: Based on available data, the GHS classification criteria are not met.

Acute Toxicity - Inhalation: Based on available data, the GHS classification criteria are not met.

Skin Corrosion / Irritation: Repeated or prolonged skin contact may result in mild irritation. Unlikely to cause harmful effects under recommended conditions of handling and use.

Eye Damage / Irritation: Severe/very severe irritant.

Respiratory Sensitization: Based on available data, the GHS classification criteria are not met.

Skin Sensitization: Sensitizer. May cause allergic reaction.

Germ Cell Mutagenicity: Based on available data, the GHS classification criteria are not met.

Reproductive Toxicity: Based on available data, the GHS classification criteria are not met.

Carcinogenicity: Based on available data, the GHS classification criteria are not met.

STOT - single exposure: Based on available data, the GHS classification criteria are not met.

STOT - repeated exposure: Based on available data, the GHS classification criteria are not met.

Aspiration hazard: Based on available data, the GHS classification criteria are not met.

Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	O R A L T O X I C I T Y	N O T E S O N O R A L T O X I C I T Y
5-Chloro-2-methyl-2H-isothiazol-3-one/2-methyl-2H-isothiazol-	Oral LD50: Rat 4400 mg/kg	Ingestion may cause irritation of the gastrointestinal tract.

3-one (3:1) mixture

Chemical Name	DERMAL TOXICITY	NOTES ON DERMAL TOXICITY
5-Chloro-2-methyl-2H-isothiazol-3-one/2-methyl-2H-isothiazol-3-one (3:1) mixture	Dermal LD50: Rat > 2000 mg/kg	Repeated or prolonged skin contact may result in severe irritation. Repeated and/or prolonged contact may cause skin sensitization. Can be rapidly absorbed through skin.

Chemical Name	Not determined	NOTES ON INHALATION TOXICITY
5-Chloro-2-methyl-2H-isothiazol-3-one/2-methyl-2H-isothiazol-3-one (3:1) mixture	No data available	May cause irritation to eyes and respiratory system. Atmospheric concentrations in excess of the occupational exposure limit may lead to headache, nausea, and irritation of the eyes, nose and throat. Avoid breathing vapors or mists.

5-Chloro-2-methyl-2H-isothiazol-3-one/2-methyl-2H-isothiazol-3-one (3:1) mixture	Severe/very severe irritant.
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Has the chemical been classified as a Carcinogen by NTP, IARC or OSHA:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
There are no components that are known or reported to cause cancer			

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): No information available.

Component toxicity data:

Chemical Name	CAS #	Aquatic LC50 Fish	Aquatic ERC50 Algae	Aquatic EC50 Crustacea
No data available				

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: Unknown

Other adverse effects (such as hazardous to the ozone layer): None known.

13. Disposal considerations

Description of waste residues and Disposal should be in accordance with local, state or national legislation.

information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:

Empty Container Warnings:

Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

14. Transport information

DOT Classification:	Not regulated
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group, if applicable:	Not applicable
Toxic Inhalation Hazard Zone:	No data available

Environmental hazards (e.g., Marine pollutant (Yes/No)):	No data available
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Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):	No data available
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Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises:	Consult IMO regulations before transporting in bulk by ocean.
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15. Regulatory information**Safety, health and environmental regulations specific for the product in question:**

TSCA Status:	This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S.C. 2601 et. seq.
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FDA	21CFR176.170 with limitations
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SARA - Section 313 (Superfund Amendments and Reauthorization Act of 1986 - 40CFR 372)

Chemical Name	CAS #	Concentration (% by weight)
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Contains no substances at or above the reporting threshold under Section 313.

California Proposition 65

WARNING: This product contains the following chemicals that are known to the State of California to cause cancer, birth defects or other reproductive harm.



SAFETY DATA SHEET

REDIPRO® 7000

Unless a concentration is specified in Section 2 of the SDS, the below chemical/s are present in trace amounts.

Chemical Name

CAS #

None reportable

16. Other information, including date of preparation or last revision.

Date of SDS preparation or last revision (mm-dd-yyyy):

03-04-2022

For product information, contact:

Ingredion Incorporated

Customer Service: 1-800-713-0208

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