

1. Identification

Product identifier used on the label:

PRODUCT NUMBER (NEW): 33240103
PRODUCT NUMBER (OLD): 33240103
PRODUCT NAME: REDIPRO(R) 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:**Emergency phone number:**

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)

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200**GHS Hazard Symbols:****GHS Classification:****Signal Word:****Hazard Statements:****Precautionary Statements:****Safety Precautions:****First Aid Measures:****Disposal:**

Skin Sensitisation Category 1

Warning

May cause an allergic skin reaction.

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

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

Wear protective gloves/protective clothing/eye protection/face protection.

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.

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 #	%
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: If symptoms develop, obtain medical attention. Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes.
 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: Non-combustible.

Hazardous combustion products: This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.

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.
Safe storage conditions	Protect from freezing.
Special Sensitivity:	Not available
Sensitivity to Mechanical Impact:	No
Sensitivity to Static Electricity:	No
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 Component	OSHA PEL	ACGIH TLV-TWA	AIHA Exposure limits
No data available			

Appropriate engineering controls

Ventilation Requirements: Normal ventilation expected to be adequate.

Individual protection measures, such as personal protective equipment.:

Eye Protection:	Chemical safety glasses.
Skin Protection:	Employee must wear appropriate protective gloves to prevent contact with this substance.
Respiratory Protection:	None required under normal handling conditions.
Other Protective Equipment:	Not available
General Hygiene Conditions:	Wash before eating, drinking, or using toilet facilities.
Change/Removal of Clothing:	Remove contaminated clothing and launder before reuse.

9. Physical and chemical properties

Pure Substance or Mixture:	Mixture
Physical state:	Liquid
Color:	Amber
Odor:	Slight
Odor Threshold:	Not available
pH:	Approximately 6
Melting Point (°C):	Not available
Initial boiling point and boiling range (°C):	Not available

Flash Point (°C):	Not Applicable
Evaporation Rate:	1 (Water = 1)
Flammability (solid, gas):	No
Upper flammability or explosive limits:	Not available
Lower flammability or explosive limits:	Not available
Vapor pressure:	Not available
Vapor density:	Not available
Relative density:	Not available
Specific Gravity:	1.1
Solubility(ies) (in water):	Soluble in water
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature (°C):	Not Applicable
Decomposition temperature (°C):	Not determined.
Viscosity:	Not available
Volatiles:	Approximately 75 % Water
Volatile Organic Chemicals:	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

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):	Eye Contact, Skin Contact, Ingestion
Symptoms related to the physical, chemical and toxicological characteristics:	No data available



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

Acute (Short Term) Effects of Exposure

Effects of Acute Exposure Unlikely to cause harmful effects under recommended conditions of handling and use.

Chronic (Long Term) Effects of Exposure

Effects of Chronic Exposure No known hazards are associated with the use of this material.

Target Organs Not applicable.

Skin Sensitization Sensitizer. May cause allergic reaction.

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

Component	ORAL TOXICITY	NOTES ON ORAL TOXICITY
5-Chloro-2-methyl-2H-isothiazol-3-one/2-methyl-2H-isothiazol-3-one (3:1) mixture	Oral LD50: Rat 4400 mg/kg	Ingestion may cause irritation of the gastrointestinal tract.

Component	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.

Component	INHALATION TOXICITY	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.

Component	NOTES ON EYE IRRITATION
5-Chloro-2-methyl-2H-isothiazol-3-one/2-methyl-2H-isothiazol-3-one (3:1) mixture	Severe/very severe irritant.

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 No information available.



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terrestrial, where 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

Waste Disposal Methods: Disposal should be in accordance with local, state or national legislation.
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
Environmental hazards (e.g., Marine pollutant (Yes/No)): No data available
Special precautions: Consult IMO regulations before transporting in bulk by ocean.

15. Regulatory information

TSCA Status: This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S.C. 2601 et. seq.
FDA: 21CFR176.170 with limitations

SARA - Section 313 (Superfund Amendments and Reauthorization Act of 1986 - 40CFR 372)

CAS NUMBER	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.

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

Component	CAS NUMBER
None reportable.	



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

HMIS® Hazard Ratings

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs by OSHA's 29 CFR 1910.1200, we choose to provide them as a service to our customers using HMIS®. These ratings are to be used only with a fully implemented HMIS® program. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered. NPCA recommends that employers must determine appropriate PPE for the actual conditions under which this product is used in their workplace. For information on PPE codes, consult the HMIS® Implementation Manual. When two ratings are provided for Health, the first represents the material 'as supplied', and the second represents the material 'in use'. * = chronic health hazard HMIS® is a registered trademark of the National Paint and Coatings Association (NPCA).

Health

2

Flammability

0

Reactivity

0

Revision Date

23-July-2021

FOR INFORMATION CONTACT:

For product information, contact:

Ingredion Incorporated

Customer Service: 1-800-713-0208

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