



Safety Data Sheet

Enzymatic Cyanuric Acid Reducer (CYA Down)

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 04/20/2018

Supersedes: 03/25/2015

Version: 2.1

Section 1 • Identification

Product identifier: Enzymatic Cyanuric Acid Reducer (CYA Down)

Principal use: Enzymatic Pool Maintenance

Company/Undertaking Identification

Nature Plus, Inc.
55 Rachel Drive
Stratford, CT 06615 USA
Telephone: 203-380-0316, Fax: 203-380-0358

Distributed by:

Earth Science Laboratories, Inc.
903 N 47th Street, Suite 105
Rogers, AR 72756
earthsciencelabs.com
1-800-962-1492

Emergency telephone number

INFOTRAC Emergency Contact Hotline: **1-800-535-5053** (Contract# 107198)

Section 2 • Hazards Identification

Classification of the substance or mixture:

Eye irritation, **Category 2B**; H320

GHS label elements, including precautionary statements

Hazard pictogram(s): None

Signal word: Warning

Hazard statement(s)

Causes eye irritation.

Precautionary statement(s)

P305 + P351 + P338: **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other hazards which do not result in classification: Not known.

Section 3 • Composition & Information on Ingredients

<u>Common name</u>	<u>CAS number</u>	<u>Concentration, %*</u>
Fermented Vegetable Extract**	094114-07-5	60% to 100%
Proprietary Formula*	-	15% to 40%

* The specific chemical identity and exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

** A natural blend of enzymes from food grade vegetable ferments and filtered water.

Section 4 • First Aid Measures

First aid measures for accidental exposure:

Skin Exposure:

May cause skin irritation. In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Eye contact

Causes eye irritation. Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention as needed.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Medical conditions possibly aggravated by exposure:

None.



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Notes to physician:

Treat symptoms and eliminate overexposure.

Section 5 • Fire Fighting Measures

Fire hazard data:

Flash Point:

>140° F, Nonflammable.

Method Used:

Closed cup

Flammability Limits (vol/vol %):

Lower: No Data

Upper: No Data

Extinguishing Media:

None.

Special Fire Fighting Procedures:

Nonflammable.

Unusual Fire and Explosion Hazards:

None.

Hazardous Decomposition Materials (Under Fire Conditions):

None.

Section 6 • Accidental Release Measures

Evacuation Procedures and Safety:

None.

Containment of Spill:

Follow procedure described below under Cleanup and Disposal of Spill.

Cleanup and Disposal of Spill:

Mop up any spilled product and discharge to sewer or flush to any disposal system.

Environmental and Regulatory Reporting:

None.

Section 7 • Handling and Storage

Minimum/Maximum Storage Temperatures:

Store between 40° F and 120° F. Keep container closed when not in use.

Handling:

Avoid direct or prolonged contact with skin and eyes. If freezing occurs, thaw and remix before using. Frozen material may be thawed in a warm room. Avoid localized overheating. Vent drums while heating. Mix thoroughly to assure homogeneity.

Storage:

Store at room temperature. Store in tightly closed containers. Store in an area that is dry, well-ventilated; away from incompatible materials (see Section 10 • Stability and Reactivity).

Section 8 • Exposure Controls/Personal Protection

Introductory Remarks:

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13 • Disposal Considerations. Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

Exposure Guidelines:

No exposure limits were found for this product or any of its ingredients.



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Engineering Controls:

Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: General area dilution/exhaust ventilation.

Respiratory Protection:

Not required for properly ventilated area.

Eye/Face Protection:

Recommended, but not required.

Skin Protection:

None required.

Work Practice Controls:

None required.

Section 9 • Physical & Chemical Properties

Physical Appearance:

Dark amber brown clear liquid

Odor:

Characteristic scent

Odor Threshold:

Not determined

pH:

8.40 to 9.90

Melting Point / Freezing Point Range:

Not Available

Initial Boiling Point and Boiling Range:

100° C (212 F) at 760 mmHg

Flash Point:

>140° F. Closed cup

Evaporation Rate:

As water

Flammability (solid, gas):

Nonflammable

Upper/Lower Flammability or Explosive Limits:

Not Available

Vapor Pressure:

As water

Vapor Density:

1 (Air=1)

Specific Gravity:

1.02 to 1.07 at 20° C

Water Solubility:

Completely soluble

Percent Volatiles by Volume:

Nonvolatile

Viscosity:

Not available

Section 10 • Stability and Reactivity

Chemical stability:

This material is stable under normal handling and storage conditions described in Section 7.

Conditions to be avoided:

None

Materials/chemicals to be avoided:

None

The following hazardous decomposition products might be expected:

Decomposition type: None

Hazardous polymerization will not occur.

Avoid the following to inhibit hazardous polymerization:

Not applicable

Section 11 • Toxicological Information

Acute Eye Irritation:

Toxicological Information and Interpretation:

Eye - Mild eye irritation.

Acute Skin Irritation:

No test data found for product.



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Acute Dermal Toxicity:

No test data found for product.

Acute Respiratory Irritation:

No test data found for product.

Acute Inhalation Toxicity:

No test data found for product.

Acute Oral Toxicity:

No test data found for product.

Chronic Toxicity:

This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be "probable" or "suspected" human carcinogens. No additional test data found for product.

11.1.11 Aspiration hazard No data

Section 12 • Ecological Information

Ecotoxicological Information:

No data found for product.

Chemical Fate Information:

No data found for product.

Section 13 • Disposal Considerations

Dispose of in accordance with applicable municipal, provincial, state, or national regulations. Not classified as dangerous according to transport regulations.

Section 14 • Transportation Information

Not classified as dangerous according to transport regulations.

Section 15 • Regulatory Information

15.1 Inventory Status

UNITED STATES (TSCA)	N
CANADA (DSL)	N
EUROPE (EINECS/ELINCS)	N
AUSTRALIA (AICS)	N
JAPAN (MITI)	N
SOUTH KOREA (KECL)	N

Y = All ingredients are on the inventory.

E = All ingredients are on the inventory or exempt from listing.

P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing.

15.2 Chemical Safety Assessment

No additional information available.



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Section 16 • Other Information

NPI Product Number: 186

Revision number: GHS / Revision 2.1

Indication of changes: GHS Format

Legend/acronym: GHS / Globally Harmonized System

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