

Emerald Harvest Hydra Clear

1 Identification

GHS Product Identifier

Emerald Harvest Hydra Clear Powerful Multi-Enzyme Line Cleaner

Other means of identification

Turbid, straw colored liquid with characteristic odor

Recommended use of the chemical and restriction on use

Bacteria/enzymatic cleaner and treatment for removal of bio-films

Supplier's details

Emerald Harvest
1399 Corporate Center Parkway
Santa Rosa, CA 95407 USA
+1 866.325.8235
compliance@emeraldharvest.co

Emergency phone number

24 Hour Emergency Phone Number(s):
INFOTRAC: 1-800-535-5053 (North America)
INFOTRAC: 1-352-323-3500 (International)

2 Hazard(s) identification

Contract number: 112430

Classification of the substance or mixture

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Eye Irritation / Category 2/2A

GHS label elements



Causes eye irritation

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

Wash contaminated clothing before reuse.

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

Other hazards which do not result in classification

SKIN

If on skin: Wash with plenty of soap and water.

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

STORAGE - None

DISPOSAL - In accordance with local/regional/national/international regulations.

Hazards not otherwise classified (HNOC) - Not Applicable

Other Information -

May cause mild skin irritation

Repeated and prolonged skin contact may cause allergic reactions with susceptible persons

Interactions with other chemicals - no information available

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
L(+)-lactic acid	79-33-4		0 - 2	The exact percentage has been withheld as a trade secret

4 First-aid measures

Description of necessary first-aid measures

General Advice	Show this safety data sheet to the Doctor in attendance
Eye Contact	Rinse thoroughly with water, also under eyelids. If symptoms persist, call a physician.
Skin Contact	Wash with soap and water. May cause allergic skin reaction if left unattended. In the case of skin irritation or allergic reactions, see a physician.
Inhalation	Remove to fresh air.
Ingestion	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed

Itching and/or rashes

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician: May cause irritation on susceptible persons. Treat symptomatically.

5 Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surroundings.

Specific hazards arising from the chemical

May cause irritation of the eyes and by skin contact

Hazardous Combustion Products - Carbon oxides

Explosion Data

Sensitivity to Mechanical Impact NO

Sensitivity to Static Discharge NO

Special protective actions for fire-fighters

Wear standard gear as for any fire: self-contained breathing apparatus, pressure-demand MSHA/MIOSH (approved or equivalent) and full protective gear.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes

Environmental precautions

Refer to protective measures listed in Sections 7 and 8

Methods and materials for containment and cleaning up

Containment Prevent further leakage or spillage if safe to do so

Clean Up Pick up and transfer to properly labelled containers, soak up with inert absorbent material, flush to drain.

7 Handling and storage

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed

Incompatible Strong acids and alkalis, and strong oxidizing agents may react with the product, denature stable enzymes, and inactivate bacterial cultures.

8 Exposure controls/personal protection

Control parameters

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

Appropriate engineering controls

Showers, Eyewash stations, Ventilation systems

Individual protection measures

Eye/Face None required for consumer. If splashes likely, wear safety glasses with side-shields

Skin and Body None required for consumer. Repeated or prolonged contact: Wear protective gloves and clothing

Respiratory None needed under normal use conditions. If irritation is experienced, ventilation and evacuation may be required.

Hygiene Handle in accordance with good industrial hygiene and safety practices. Take off contaminated clothing and wash before reuse.

9 Physical and chemical properties

Physical and chemical properties

Physical State	Liquid
Appearance	Straw-colored
Odor	Characteristic

Property

pH	3-7 - 4.7
Melting/Freezing Point	No data available
Boiling Point	100°C / 212°F

Flash Point	None
Evaporation Rate	No data available
Flammability	none
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.01
Water Solubility	Dispersible
Solubility in other solvents	No data available
Partition coefficient:	
n-octanol/water	No data available
Autoignition Temperature	No data available
Viscosity	Water - thin
VOC Content (%)	Negligible

10 Stability and reactivity

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions

Possibility of hazardous reactions

None under normal conditions

Conditions to avoid

Do not expose to high temperatures for long periods. Close containers when not in use.

Incompatible materials

Strong acids and alkalis, and strong oxidizing agents may react with product, denature stabilized enzymes and inactivate bacterial cultures.

Hazardous decomposition products

Carbon oxides.

11 Toxicological information

Information on the likely routes of exposure

Inhalation	Specific test data for the mixture is not available
Eye Contact	Specific test data for the mixture is not available
Skin Contact	Specific test data for the mixture is not available. May cause sensitization by skin contact but is unlikely.
Ingestion	Specific test data for the mixture is not available

Symptoms related to the physical, chemical and toxicological characteristics

Itching and /or rashes

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

Sensitization	Not likely, but may cause sensitization of susceptible persons by skin contact
Mutagenic Effects	No information available
Carcinogenicity	Contains no ingredient listed as a carcinogen

Reproduction Toxicity	No information available
STOT - single exposure	No information available
STOT - repeated exposure	No information available
Chronic toxicity	No known effect based on available information
Target Organ Effects	Skin
Aspiration Hazard	No information available
Numerical measures of toxicity (such as acute toxicity estimates)	
Not available	

12 Ecological information

Toxicity

This product is not expected to be dangerous to the environment with respect to mobility, persistency and biodegradability, bio-accumulative potential, aquatic toxicity, and other data related to eco-toxicity.

Other adverse effects

None known.

13 Disposal considerations

Disposal methods

This material, as supplied, is not a hazardous waste according to Federal Regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste. If chemical additions are made to this material, or if the material is processed or otherwise altered, consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult with the appropriate State, Regional, or Local regulations for additional requirements.

Dispose of contents/containers in accordance with local regulations.

14 Transport information

UN Number

Not Regulated

UN Proper Shipping Name

Not Regulated

Transport hazard class(es)

N/A

15 Regulatory information

Safety, health and environmental regulations specific for the product in question

International Inventories

TSCA Complies

DSL All components are listed on the DSL

TSCA - United States Toxic Substances Control Act - Section 8(b) Inventory

DSL - Canadian Domestic Substances List

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemical which is subject to the reporting requirement of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or State level pertaining to releases of this material.

California Proposition 65

This product does not contain any Proposition 65 chemicals

US State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by State right-to-know.

16 Other information**Other information**

Hazardous Material Information System (HMIS)	HEALTH	1
	FLAMMABILITY	0
	PHYSICAL HAZARD	0
	PERSONAL PROTECTION	B

ADDITIONAL INFORMATION

The information supplied is designed only as guidance for the safe use, storage, and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication; however, no guarantee is made as to its accuracy. This information relates only to the specific material designated and may not be valid for such materials in combination with any other material or in any other process.