

SAFETY DATA SHEET

ULTRA CATALYST ® ADVANCED GENERATION FORMULA

SECTION 1: Product Identification

Product name : ULTRA CATALYST ® ADVANCED GENERATION FORMULA

Chemical family : Organic acid, aqueous solution

Common or Trade name : Neutralizer/acid rinse agent

Manufacturer : Chem Max Corp

Address : 6479 Norton Center Drive
Norton Shores MI 49441

Phone : 800-858-7237

SECTION 2: Hazards Identification

ULTRA CATALYST ® ADVANCED GENERATION FORMULA is not considered hazardous under 29 CFR 1910.1200 (d) and is not subject to GHS/SDS hazard statement requirements.

NFPA hazard classification: Health: 1 Flammability: 0 Reactivity: 0 Special hazards: None

Signal word: Warning

May cause mild skin irritation.

May cause eye irritation.

Wash skin thoroughly after handling.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if possible. Continue rinsing.

SKIN IRRITATION: get medical advice/attention.

IF EYE IRRITATION PERSISTS: get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Dispose of contents and container in accordance with local, state, and federal regulations.

SECTION 3 : Composition/Information on Ingredients

Name:	CAS#	Weight %
Water	7732-18-5	60%-90%
2-Hydroxyethanioic acid	79-14-1	1%-5%

SECTION 3 : Composition/Information on Ingredients (continued)

Name:	CAS#	Weight %
Isopropanol	67-63-0	1%-3%
Triphosphoric acid/ sodium salt	7758-29-4	<1%
Diphosphoric acid/ sodium salt	7722-88-5	<1%
Sulphuric acid, mono-16-alkyl esters ammonium salts	68081-96-9	<1%
Sulphamic acid	5329-14-6	<1%
Citrus extract	94266-47-4	Trace

SECTION 4 : First Aid Measures

Skin contact : Wash skin thoroughly after handling. Seek medical attention if irritation develops and persist. Remove contaminated clothing and laundry before reuse.

Eye contact: If product enters eyes, open eyes while under gentle running water for several minutes. Remove contact lenses if present and easy to do. Continue routine for at least 15 minutes. Seek medical attention if irritation persists.

Inhalation : If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if irritation persists.

Ingestion : Rinse mouth with water. If swallowed, do **not** induce vomiting. Give a glass of water. Seek immediate medical attention if irritation persists.

Indication of immediate medical attention in special treatment: Treat symptomatically.

SECTION 5 : Firefighting Measures

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None known

Specific hazards arising from the chemical : None known

Explosion data

Sensitivity to mechanical impact : None

Sensitivity to static discharge : None

Firefighting procedures : As in any fire, wear self-contained breathing apparatus designed for firefighting, MSHA /NIOSH (approved or equivalent), and full protective gear. In the event of fire and/or explosion, do not breath fumes.

SECTION 6 : Accidental Release and Disposal Measures

Personal precautions : Evacuate personnel to a safe area. Insure adequate ventilation, especially in confined areas. Use personal protective equipment as required.

For emergency responders : Use personal protective equipment recommended in section 8 as required.

Environmental precautions : Prevent further leakage or spillage if safe to do so. See Section 12 for additional ecological information.

SECTION 6 : Accidental Release and Disposal Measures (continued)

Methods for containment : Prevent further leakage or spillage if safe to do so. Rinse spill area with plenty of water.

SECTION 7 : Storage and Handling

Handling : Do not get in eyes or on skin or clothing. Do not eat or drink in the work area. Use normal hygiene and housekeeping. Ensure adequate ventilation, especially in confined areas.

Storage : Keep container tightly sealed in a dry, cool place.

Incompatible materials : Oxidizers and strong bases.

SECTION 8 : Exposure Control/Personal Protection

Exposure guidelines:

ACGIH TLV - none

OSHA PEL - none

Other limit - none

Other exposure limits for potential decomposition products:

OSHA TWA = None

SCGIH STEL = None

Engineering controls:

Avoid released into the environment.

Incompatibilities:

Oxidizers and strong bases.

Personal protective equipment (PPE):

Eyes : Wear appropriate protective glasses or chemical safety goggles as directed by OSHA's eye and face protection regulations in 29 CFR 1910.133

Skin : Wear appropriate protective gloves.

Clothing : Selection of protective clothing depends on work conditions and potential exposure conditions and may include gloves, boots, suits and other protective items.

Respirators : Where adequate ventilation is not available, an approved respirator must be worn.

Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

Specific hygiene measures: always observe good personal hygiene, such as washing after handling and before eating, drinking and/or smoking. Practice good housekeeping. Access to eyewash and safety shower is recommended.

SECTION 9 : Physical and Chemical Properties

Appearance :	Clear
Physical state :	Liquid
Odor :	Citrus
Odor threshold :	Not determined
Relative density (water = 1.0) :	Not determined
Solubility in water :	100%
PH :	1.5 - 2.5
Initial boiling point/range :	Not determined
Melting/freezing point :	46° (precipitates)
Vapor pressure :	Vapor is water
Vapor density (air = 1.0) :	Vapor is water
Evaporation rate (n-butyl acetate =1):	Same as water
% Volatiles :	99% +
Partition coefficient (N-Octanol/water):	Not determined
Viscosity :	Not determined
Flashpoint :	Non-flammable
Flashpoint method :	Not determined
Autoignition temperature :	Not determined
Upper flame limit (volume % in air) :	Not determined
Lower flame limit (volume % in air) :	Not determined
Decomposition temperature :	Not determined
Flammability (solid, gas) :	Non-flammable

SECTION 10 : Stability and Reactivity

Reactivity : Not normally reactive

Possibility of hazardous reactions : No dangerous reaction known

Incompatible materials : Oxidizers and strong bases.

Chemical stability : Normally stable under normal conditions.

Hazardous decomposition products : None known

SECTION 11 : Toxicological Information

<u>Chemical Name</u>	<u>CAS</u>	<u>Oral LD 50</u>
2-Hydroxyethanoic acid	79-14-1	>2000 mg/kg Species: Rabbit

No adverse health effects expected if the product is handled in accordance with the safety data sheet and product label.

Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion: Swallowing may result in irritation of the gastrointestinal tract. Health injury is not expected under normal use.

Eye contact: An eye irritant. Health injury is not expected under normal use.

SECTION 11 : Toxicological Information (continued)

Skin contact: contact with skin may result in irritation. Health injury is not expected under normal use.

Inhalation: May result in respiratory irritation. Health injuries are not expected under normal use.

Chronic effects: not listed as a carcinogenic according to the international Agency for Research on Cancer (IARC).

SECTION 12 : Ecological Information

Ecotoxicity : Ecological Studies have not been carried out on this product.

Persistence and degradability : Readily biodegradable.

Bio accumulative potential : No data available.

Mobility in soil : No data available.

Other adverse affects : No data available

SECTION 13 : Disposal Considerations

RCRA

Is the unused product an RCRA hazardous waste if discarded? No

Other disposal considerations:

Dispose of in accordance with applicable federal, state and local regulations.

SECTION 14 : Transport Information

Air (IATA) Not classified as dangerous in the meaning of transport regulations.

Land (DOT) Not classified as dangerous in the meaning of transport regulations.

Sea (IMDG) Not classified as dangerous in the meaning of transport regulations.

SECTION 15 : Regulatory Information

OSHA: This product is not a "hazardous chemical" as defined by the OSHA hazard communication standard 29 CFR 1910.1200

CERCLA: This material, as supplied, does not contain any substance regulated as hazardous substances under the Comprehensive Environmental Response Comprehensive and Liability

SECTION 15 : Regulatory Information (continued)

Act (CERCLA), (49 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA), (40 CFR 355), or **SARA 304** Emergency Release Notification..

SDWA (Safe Drinking Water Act): not regulated.

CLEAN AIR ACT (CAA): Section 112 Hazardous Air Pollutants (HAPS) list: not regulated.

CLEAN AIR ACT (CAA): Section 112(R) Accidental Release Prevention (40 CFR 68.130): not regulated.

SARA 311/312 Hazardous Chemical: Not regulated.

TSCA: United States Toxic Substances Control Act: Section 8 (b) inventory: not regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052): not regulated.

International inventories

DSL/NDSL : Not regulated

EINECS/ELINCS : Not regulated

ENCS : Not regulated

IECSC : Not regulated

KECL : Not regulated

PICCS : Not regulated

AICS : Not regulated

Legend

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.

ENCS - Japan Existing and New Chemical Substances.

IECSC -China Inventory of Existing Chemical Substances.

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances.

AICS - Australian Inventory of Chemical Substances.

CHEMICAL SAFETY ASSESSMENT: A chemical safety assessment has not been carried out for the substance or mixture.

Section 16 : Other Information

Issue date:

Sept 20, 2022

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Section 16 : Other Information (continued)

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End of Safety Data Sheet