

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: MVP ACTIVATOR-C

Product Code: 268

Product Use: Food grade uses

Enviro Tech Chemical Services, Inc.
500 Winmoore Way Modesto, CA 95358
(209) 581-9576 (7 AM to 5 PM, PST, Monday to Friday)

24 Hr. Emergency Tel.#: 1-800-255-3924

SECTION 2 - HAZARDS IDENTIFICATION

Classification of the Substance or Mixture:

Eye Irritation - Category 2



Signal Word: WARNING

Hazard Statements:

Causes serious eye irritation

Precautionary Statements:

Prevention

Wash hands thoroughly after handling

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

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.**IF EYE IRRITATION PERSISTS:** Get medical advice/attention.

Hazards not Otherwise Classified:

No other hazards classified.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Synonym	CAS Number	Concentration
CITRIC ACID	N/A	77-92-9	45-55%

SECTION 4 - FIRST-AID MEASURES

Inhalation: Get medical advice/attention if you feel unwell or are concerned.**Skin Contact:** Rinse with lukewarm, gently flowing water for 5 minutes or until product is removed. Call a POISON CENTER/doctor if you feel unwell.**Eye Contact:** Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. If eye irritation persists: Get medical advice/attention.**Ingestion:** Rinse mouth. If you feel unwell, or if concerned: Get medical advice/attention.**Most Important Symptoms and Effects, both Acute and Delayed:** Causes irritation/burns that may result in permanent impairment of vision, even blindness. Contact with skin can cause irritation. May be harmful if swallowed.**Indication of any Immediate Medical Attention and Special Treatment Needed:** Treat symptomatically

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media: Use water spray, powder, foam, carbon dioxide.**Special hazards arising from the substance or mixture:** No special hazards known**Flammability classification (OSHA 29 CFR 1910.106) (Hazcom 2012):** Non flammable**Hazardous Combustion Products:** Non combustible

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SAFETY DATA SHEET

Special protective equipment and precautions for firefighters: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear appropriate personal protective equipment as specified in Section 8. Keep unnecessary and unprotected personnel from entering.

Methods and materials for containment and cleaning up: Contain and recover liquid when possible. Do not let product enter drains. Residues from spills can be absorbed with dry earth, sand or other non-combustible material and disposed of in appropriate container.

Special spill response procedures: Prevent from entering sewers, waterways, or low areas.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling: Wear at least chemical resistant gloves and eye protection, face shield, and chemical resistant garments when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.

Conditions for Safe Storage: Keep product in tightly closed container when not in use. Do not drop, roll or skid drum.

Incompatible Materials: None known

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation and engineering measures: Forced air, local exhaust, or open air is adequate.

Respiratory Protection: No additional respiratory protection needed.

Skin Protection: Wear gloves when handling.

Eye/Face Protection: Wear safety glasses, goggles and/or face shield to prevent eye contact.

Other Protective Equipment: Eye wash facility and emergency shower should be in close proximity.

General Hygiene Conditions: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industry hygiene and safety practice.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless, clear solution

Odor: Mild odor

pH: No data available.

Melting/Freezing point:

Initial boiling point and boiling range: No data available.

Flammability (solid, gas): Non flammable.

Specific Gravity: 1.21 g/mL

Solubility in Water: Complete

Viscosity: No information available.

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical Stability: Stable under normal conditions

Possibility of Hazardous Reactions: None known

Conditions to Avoid: Incompatible materials and extreme temperatures

Incompatible Materials: None known

Hazardous Decomposition Products: Carbon oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry - inhalation: NO

Routes of entry - skin & eye: YES

Routes of entry - ingestion: YES

Routes of entry - skin absorption: NO

Potential Health Effects:

Signs and symptoms of short term (acute) exposure:

Inhalation: Not a respiratory irritant.

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SAFETY DATA SHEET

Ingestion: May cause irritation to digestive system

Skin: May cause skin irritation including redness, edema, swelling, rash, scaling or blistering, drying and/or cracking of skin.

Eye: May cause redness, stinging, tearing, swelling, itching and/or irritation of the eye. Possible eye damage if left untreated.

Potential Chronic Health Effects:

Mutagenicity: Not known to have mutagenic effects in humans or animals.

Carcinogenicity: No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.

Reproductive effects: No known reproductive effects in humans or animals.

Sensitization to material: Not a known sensitizer in humans or animals.

Toxicological data: The calculated ATE values for this mixture are:

ATE oral = No information available

ATE dermal = No information available

ATE inhalation = No information available

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not expected to be toxic to the environment.

Persistence and degradability: No information available.

Bioaccumulation potential: No information available.

Mobility in soil: No information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Handling for disposal: Do not contaminate water, food, or feed by storage and/or disposal. When handling refer to protective measures listed in sections 7 and 8. Empty residue from containers, rinse container well.

Method of disposal: Dispose of in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

RCRA: If product becomes a waste, it does meet the criteria of a hazardous waste as defined by the US EPA, because of: Corrosivity D002

SECTION 14 - TRANSPORTATION INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Please note the GHS and DOT Standards are NOT identical and therefore can have varying classifications

US 49 CFR/DOT/IATA/IMDG Information:

UN No.: 3265

UN Proper Shipping Name: Corrosive liquid, acidic, organic, n.o.s. (citric acid)

Transportation hazard class(es): 8

Packing Group: II

Environmental hazards: Not a Marine Pollutant

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

US CERCLA Reportable quantity (RQ): Non regulated material.

SARA Title III: Acute Health Hazard

TSCA Information: All components are listed on the TSCA inventory.

DSL Information: All components are listed on the DSL inventory.

US State Right to Know Laws:

No component of this product is listed on California Prop. 65.

International information:

SECTION 16 - OTHER INFORMATION

Legend:

SARA: The Superfund Amendments and Reauthorization Act

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RCRA: Resource Conservation and Recovery Act

TSCA: Toxic Substances Control Act

CFR: Code of Federal Regulations

DOT: Department of Transportation

ATE: Acute Toxicity Estimate

Preparation Date: 6/19/2017