

**Material Safety Data Sheet
Citrisol Liquid Acid Concentrate**

I Product Identification and Company Identification

Product Identification: Citrisol Liquid Acid Concentrate
Product Description: Inorganic Salts, Dextrose, Organic acid
Information Provided by: **DIASOL INC.**
1110 Arroyo Street
San Fernando, CA 91340
Phone 818-838-7077

II Hazard Component

Component	CAS #	ACGIH / OSHA-PEL
Citric Acid	77-92-9	None listed

Physical State: Liquid
Appearance: Clear
Odor: Odorless
Hazard: Non-hazardous

Potential Health Hazard:

Symptoms of Exposure: Eye and Skin contact can cause irritation
Medical Condition Aggravated by Exposure: None identified
Routes of Entry: Inhalation may cause mild irritation to the upper respiratory tract. Ingestion may cause burns of mouth, throat and stomach.

III Composition / Information of Ingredients

Chemical Name	CAS #	OSHA PEL
Water	7732-18-5	NE
Sodium Chloride	7647-14-5	NE
Potassium Chloride	7447-40-7	NE
Calcium Chloride	10043-52-4	NE
Magnesium Chloride	7786-30-3	NE
Dextrose	50-99-7	NE
Citric Acid	77-92-9	None listed

IV First Aid Measures

Eyes: Flush with plenty of water for a minimum of 15 minutes while holding the eyelids open. Seek medical attention.
Skin: Wash with soap and water. Get medical attention if irritation develops or persists.
Ingestion: If swallowed, do not induce vomiting. Drink a glass of water or milk and call a physician immediately. Never give anything by mouth to an unconscious person.
Inhalation: If inhaled, removed to fresh air.

V Fire Fighting Measures

Flash Point:	NA
Auto Ignition Temperature:	NA
Flammable Media:	NA
Extinguishing Media:	Use media appropriate for the surrounding fire
Unusual Fire and Explosion Hazard:	Does not support combustion

VI Accidental Release Measures

Spill:	Sweep and vacuum, after flush area with water. Wear appropriate protective clothing and equipment during clean up.
Disposal:	Dispose in accordance with all State and Federal regulations. This material is not considered a hazardous waste.

VII Handling and Storage

Handling:	Wash thoroughly after handling. Minimize spill and accumulation of product. Avoid contact with eye, skin and clothing.
Storage:	Keep container close when not in use. Store in dry area between 40-90 ⁰ F and a well-ventilated area away from incompatible substances.

VIII Exposure Control and Personal Protection

Protective Equipment Index:	PPE – C –Safety glasses, gloves and apron.
Clothing:	A face shield and protective apron should be worn when splashes are likely. Rubber booths should be used for spill response.
Citric Acid:	None listed

IX Physical and Chemical Properties

Physical State:	Liquid
Appearance:	Clear
Solubility:	All components chemicals are soluble in water
pH value:	1.9 -2.3 (as a concentrate)
Odor:	Odorless
Solubility in water:	Completely soluble
Molecular weight:	NE
Boiling Point:	NE
Freezing Point:	NE
Specific Gravity:	1.13 – 2.20 (determined by concentration grade)
Vapor Pressure:	NA

X Stability and Reactivity

Chemical Stability:	Stable under normal temperature and pressures
Conditions to Avoid:	None known
Incompatible Materials:	Bases and corrosives to metals
Exposure Polymerization:	Will not occur
Hazardous Decomposition:	Will not occur

XI Toxicological Information

Main Hazard: Avoid contact with eyes and skin. Do not inhale or ingest material.
Product is not regulated and not a hazardous material.

HMIS Rating: Flammability: 0
Health: 0
Reactivity: 0
PPE: C

XII Other Information

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