

Material Safety Data Sheet

Diasol Liquid Acid Concentrate

I Product Identification and Company Identification

Product Identification: Diasol 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	
		TLV	STEL	PEL	STEL
Acetic Acid	64-19-7	10ppm	15ppm	10ppm	none

Physical State: Liquid
Appearance: Clear
Odor: Vinegar like
Hazard: Slightly Corrosive

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
Acetic Acid	64-19-7	10ppm

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.
Acetic Acid:	Limits below of ACGIH, NIOSH, OSHA – Final PELs

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:	Vinegar like
Solubility in water:	Completely soluble
Molecular weight:	NE
Boiling Point:	NE
Freezing Point:	NE
Specific Gravity:	1.14 – 1.22 (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: 2
Reactivity: 0
PPE: C

XII Other Information

This MSDS is provided as an information resource only. It is believe to be accurate and represents the best information currently available to us. No warranty of fitness for any particular purpose, warranty of merchantability, or and other warranty, expressed or implied, is made concerning the information provided herein.