Aqua Solutions, Inc
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MATERIAL SAFETY DATA SHEET

Phone: (281) 479-2569
Chemtrec 800-424-9300
24 Hour Emergency Assistance

SECTION 1 IDENTIFICATION

Product Number	T2600
Product Name	Tartaric Acid
Trade /Chemical Synonyms	
Formula	$C_4H_6O_6$
RTECS	WW7875000
C.A.S #	CAS# 87-69-4

Health:	1
Flammability:	1
Reactivity:	0

Hazard Rating:
Least 0 Slight 1 Moderate 2 High 3 Extreme 4

NA = Not Applicable NE = Not Established

SECTION 2 MIXTURE COMPONENTS

Sara 313	Component	CAS Number	%	Dim.	Exposure Limits:
	Tartaric Acid	CAS# 87-69-4	100%	W/	

SECTION 3 HAZARD IDENTIFICATION (SEE ALSO SECTION 11)

Harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SECTION 4 FIRST AID MEASURES

FIRST AID: SKIN. Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Water spray, Carbon dioxide, dry chemical, powder, foam.

Fire / Explosion Hazards: Fire possible at elevated tepuratures. Dust in sufficient quantities can be a dust explosion hazard.

Fire Fighting Procedure:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Ventilate area of leak or spill. Wear protective equipment. Clean up in a manner that doen't disperse dust.

SECTION 7 HANDLING AND STORAGE

Store in a cool dry well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: NIOSH/MSHA-approved respirator

Ventilation: Local Exhaust ☑ Mechanical ☐

Protective Gloves: Wear appropriate gloves to prevent skin exposure

Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	206° C	Percent Volatile by Volume:	0
Boiling Point:	Decomposes	Evaporation Rate:	N/A
Vapor Pressure:	N/A		
Vapor Density:	N/A	Evaporation Standard:	
Solubility in Water:	Soluble	Auto Ignition Temp:	Not applicable
Appearance /Odors:	White odorless crystals	Lower Flamm. Limit in Air:	Not applicable
Flash Point:	N/A		
Specific Gravity:	1.76	Upper Flamm. Limit in Air:	Not applicable

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable

Conditions to Avoid: Avoid contact with heat, sparks, flames, or other sources of ignition.

Materials to Avoid: Silver and silver compounds

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide

Hazardous polymerization Will Not Occur

Conditions to Avoid: None known

SECTION 11 ADDITIONAL INFORMATION

Effects of overexposure. Acute and Chronic: Eyes: Mild irritant and possibly abrasive. Reddening and tearing may be experienced. Skin: No adverse side effects are expected. Ingestion: Mildly irritating to the GI system. Ingestion of large quantities can produce abdominal pain, nausea, vomiting, diarrhea. Inhalation can cause coughing and sneezing. Condition aggravated/target organs: Persons with pre-existing eye, skin or respiratory conditions may be more susceptible

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

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