



Safety Data Sheet

Better Chemistry. Better Business

CITRIC ACID

Revised: 5/12/15

1 IDENTIFICATION

Product Code :2900052

Recommended use of the chemical and restrictions on use:Industrial applications

Hubbard-Hall Inc.

563 South Leonard Street

Waterbury, CT 06708

Telephone: 203-756-5521

Fax number: 203-756-9017

Emergency Phone Number

CHEMTREC: 1 (800) 424-9300

International: 1 (703) 527-3887

2 HAZARDS IDENTIFICATION



Hazard Category: Eye Damage/Irritation Hazard Category 2A

Hazard Statements: Causes serious eye irritation.

Prevention: Wash skin thoroughly after handling.

Wear rubber gloves, goggles and chemical protective clothing.

Response: If in eyes: Wash cautiously with water for several minutes. Remove contact lenses if present and easy to c

Disposal: Once container is emptied, check with local, state, or federal authorities to be sure it is suitable for recond

3 COMPOSITION INFORMATION

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Citric Acid	-	77-92-9	<=100%

4 FIRST AID

After Skin Contact:

If on skin: Wash with plenty of water.

After Eye Contact:

If in eyes: wash with plenty of water and get medical attention if burned or irritated.

After Ingestion:

If swallowed: Rinse mouth. Call a doctor.

Most Important Symptoms/Effects

Eye:
Irritation of eyes and skin.

5 FIRE FIGHTING MEASURES

Suitable and Unsuitable extinguishing media: Will not burn or support combustion. Use extinguishing media appropriate for surrounding fire, such as water spray, dry chemical, foam or carbon dioxide.

Specific hazards arising from the chemical: When fighting fires in areas where this product is being used in molten state, contact with water will result in violent reaction. (product used in molten state at temperature > 1000 ° F)

Special protective equipment and precautions for firefighter Wear chemical resistant protective equipment and self contained breathing apparatus (SCBA).

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, & Emergency Proc na

Methods and Materials for containment & cleaning up: Sweep up and return to container

7 HANDLING AND STORAGE

Precautions for safe handling: Keep container tightly closed.

Conditions for safe storage, inc any incompatibilities: Store in cool dry place.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
Citric Acid	Not established		

ACGIH - American Control of Governmental Hygenists
OSHA - Occupational Safety and Health Administration

Protective Gloves: Thermal resistant leather

Eye Protection: Wear chemical safety goggles with face shield.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to off-white granular mixture

Odor: No odor

Odor Threshold: N/A

PH: N/A

Melting Point/Freezing Point: N/A

Initial Boiling Point and Boiling Range: N/A

Flash Point: N/A

Evaporation Rate: N/A

Flammability (solid, gas): N/A

Upper/Lower flammability or explosive limits:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Relative Density:	N/A
Solubility (ies):	Complete in water
Partition Coefficient; n-octanol/water:	N/A
Auto-ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	N/A

10 STABILITY AND REACTIVITY

Conditions to Avoid:	Contact with incompatible materials when use in molten state.
Incompatible Materials:	When in use in molten state material is incompatible with all chemicals except other heat transfer salts.

11 TOXICOLOGICAL INFORMATION

Oral Administration:	Citric Acid-LD50(Rat)-5400 mg/kg
Dermal administration:	Citric Acid LD50(Rat)->2000 mg/kg
Irritation:	May cause irritation to skin and eyes.
Cancer Hazard:	Not listed by IARC, NTP, OSHA, ACGIH
Routes of Exposure	Eyes, Skin, Inhalation, Ingestion

12 ECOLOGICAL INFORMATION

Daphnia Magna,	1535 mg/L 24 h
Persistence and Degradability:	Not Available
Water result:	Disperses in water.
Soil/Sediment Result:	No data available

13 DISPOSAL CONSIDERATION

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

14 TRANSPORT INFORMATION

UN Proper Shipping Name:	NOT D.O.T. REGULATED
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15 REGULATORY INFORMATION

HMIS: Health: 2 Flammability: 1 Reactivity: 0

16 OTHER INFORMATION

Disclaimer:	The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.
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