

Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.		U.S. Department of Labor Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB no. 1218-0072	
IDENTITY <i>CITRIC ACID</i> (CAS # 77-92-9)		<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked that way.</i>	
Section I			
Manufacturer's Name		Emergency Telephone Number CHEMTREC (800) 424-9300	
Address (<i>Number, Street, City, State, and Zip Code</i>) AMERICAN TARTARIC PRODUCTS, INC. 1865 PALMER AVENUE LARCHMONT, NY 10538		Telephone Number for Information (914) 834-1881	
		Date Prepared 1/3/2009	
		Signature of Preparer (<i>optional</i>)	
Section II Hazardous Ingredients/Identity Information			
Hazardous Components (Specific Chemical Identity: Common Name(s))		OSHA PEL	ACGIH TLV Other Limits Recommended % (<i>optional</i>)
Section III Physical/Chemical Characteristics			
Boiling Point	N/A	Specific Gravity	1.665
Vapor Pressure (mm Hg.)	N/A	Melting Point	153°C
Vapor Density (AIR = 1)	N/A	Evaporation Rate N/A (n-Butyl Acetate =1)	N/A
Solubility in Water 59.2% @ 20C			
Appearance and Odor Odorless, Colorless Translucent Crystals.			
Flash Point (Method Used)		Flammable Limits- Lower 8GM/FT3 Upper 65 GM/FT3	LEL UEL
Extinguishing Media Non - Flammable			
Special Fire Fighting Procedures Use dry chemical carbon dioxide, halon, water spray, or foam. Remove containers from fire if possible.			
Cool containers exposed to fire with water spray.			
Unusual Fire and Explosion Hazards May form explosive mixtures with metallic nitrates and strong oxidizers.			

Section V Reactivity Data			
Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>) of May form explosive mixtures with metallic nitrates and stray oxidizers, thermal decomposition may result in toxic fumes of carbon.			
Hazardous Decomposition of Byproducts			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	
Section VI Health Hazard Data			
Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
Health Hazards (<i>Acute and Chronic</i>) Repeated or prolonged skin contact may result in dermatitis. Prolonged or repeated eye contact may result in conjunctivitis. Long term oral overexposure may cause damage to tooth enamel.			
Carcinogenicity:	NTP?	N/A	IARC Monographs? N/A OSHA Regulated? N/A
Signs and Symptoms of Exposure A SKIN AND MUCOUS MEMBRANE IRRITANT AND A SEVERE EYE IRRITANT			
Medical Conditions Generally Aggravated by Exposure SEE ABOVE			
Emergency and First Aid Procedures FLUSH EYE CONTACT WITH WATER			
FLUSH SKIN CONTACT WITH SOAP WATER - CONSULT PHYSICIAN IF INGESTED DO NOT INDUCE VOMITING.			
Section VII Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material is Released or Spilled			
Waste Disposal Method SWEEP OR VACUUM INTO CLOSED CONTAINERS, DISPOSE WITH LOCAL STATE AND FEDERAL REGULATIONS.			
Precautions to Be Taken in Handling and Storing DUST RESPIRATOR, PROTECTIVE CLOTHING.			
Other Precautions STORE IN COOL DRY AREA AWAY FROM INCOMPATIBLE MATERIALS. PROTECT CONTAINERS FROM DAMAGE. EMPTY CONTAINERS RETAIN PRODUCT RESIDUE AND VAPORS. OBSERVE ALL LABEL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED. DO NOT REUSE UNLESS THOROUGHLY CLEANED.			
Section VIII Control Measures			
Respiratory Protection (<i>Specify Type</i>) NIOSH APPROVED DUST RESPIRATOR.			
Ventilation	Local Exhaust		Special
	Mechanical (General)		Other
Protective Gloves	LONG SLEEVES AND GLOVES	Eye Protection	SAFETY GOGGLES / SAFETY GLASSES
Other Protective Clothing or Equipment N/A			
Work/Hygienic Practices PROTECTIVE CLOTHING			