

Material Safety Data Sheet

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

Section 1 Identification	
Product Number:	010-6650
Product Name:	Ascorbic Acid (Vitamin C) Laboratory Grade, Crystal
Trade/Chemical Synonyms	
Formula:	C-H ⁺ O-
RTECS:	CI7650000
C.A.S	CAS# 50-81-7
Health:	1
Flammability	1
Reactivity	0
Hazard Rating:	Least Slight Moderate High Extreme
	0 1 2 3 4
	NA = Not Applicable NE = Not Established

Section 2 Component Mixture					
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<input type="checkbox"/>	Ascorbic Acid (Vitamin C)	CAS# 50-81-7	100%	W/W	None Established

Section 3 Hazard Identification (Also see section 11)

FIRST AID: INGESTION: Call physician or Poison Control Center immediately. Give 2-3 cups water, if conscious. Induce vomiting only if advised by appropriate medical personnel.

Section 4 First Aid Measures

FIRST AID: INGESTION: Call physician or Poison Control Center immediately. Give 2-3 cups water, if conscious. Induce vomiting only if advised by appropriate medical personnel.

EYES: Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention.

SKIN: Flush with mild soap and water.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. Get immediate medical attention.

Section 5 Fire Fighting Measures

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire

Fire/Explosion Hazards: Fire is possible at elevated temperature or by contact with an ignition source. Not considered to be an 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

Wear Protective equipment. Sweep up, place in a bag and hold for waste disposal.

Section 7 Handling and Storage

Store in a cool dry place. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling

Section 8 Exposure Controls & Personal Protection

Respiratory Protection: NIOSH/MSHA-approved respirator

Ventilation: Mechanical: Local Exhaust:

Hand Protection: NIOSH Approved Gloves

Eye Protection: Glasses

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

Section 9 Physical and Chemical Properties

Melting Point:	192°C	Specific Gravity	1.65
Boiling Point:	information not available	Percent Volatile by Volume:	information not available
Vapor Pressure:	N/E	Evaporation Rate:	N/A
Vapor Density:	information not available	Evaporation Standard:	
Solubility in Water:	Soluble	Auto ignition Temperature:	N/A
Appearance and Odor:	Odorless white crystals	Lower Flamm. Limit in Air:	N/A
Flash Point:	+210°F	Upper Flamm. Limit in Air:	N/A

Section 10 Stability and Reactivity Information

Stability: Stable Conditions to Avoid: None known

Materials to Avoid:
 Strong oxidizers, alkalies, iron, copper, sodium nitrate

Hazardous Decomposition Products:
 Acrid smoke and fumes

Hazardous Polymerization: Will Not Occur

Condition to Avoid: None known

Section 11 Additional Information

Conditions aggravated/target organs: Persons with preexisting skin, eye or respiratory disorders may be more susceptible. Acute: Slight irritation to skin, eyes, respiratory system. Large quantities may irritate stomach. Chronic: None known.

DOT Classification: Not Regulated

DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.

Revision No:0 Date Entered: 9/1/2006 Approved by: WPF

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