



MATERIAL SAFETY DATA SHEET

NOT Hazardous according to criteria of Worksafe Australia

Date of Issue : Jan 2003

1. IDENTIFICATION

General

Product Name : SODIUM ASCORBATE

Other Names : SODIUM ASCORBATE

UN No. : N/A

Dangerous Goods Class : None Allocated

Subsidiary Risk :

Hazchem Code : N/A

Pack Group : 0

EPG :

Poisons Schedule : N/A

Uses :

Vitamin C preparations; antioxidant in chopped meat and other food, also in curing meat.

For Information: (914) 834-1881

In Emergency: CHEMTREC (800) 424-9300

1.1 Physical Description / Properties

Appearance : White crystals

Formula : C₆H₇NaO₆

Boiling Point : N/A deg C

Melting Point : N/A deg C

Vapour Pressure : N/A

Specific Gravity : N/A (water = 1)

Flash Point : N/A

pH : 5.6-7 ()

Solubility in water : 6.2 g/l (25 deg C)

Flammability Limits (as percentage volume in air)

Lower Explosion Limit : N/A

Upper Explosion Limit : N/A

1.2 Other Properties

Freely soluble in water at 25 deg C. Even more soluble in warm water.

1.3 Ingredients

Chemical Entity	CAS No.	Proportions (%)
SODIUM ASCORBATE	[134-03-2]	99



2. HEALTH HAZARD INFORMATION

2.1 Health Effects – Acute

Swallowed

Adverse effects are not expected.

Eye

Eye contact with the dust or powder may result in slight irritation.

Skin

Skin contact with the dust or powder is not expected to cause irritation.

Inhaled

Inhalation of the dust or powder may result in slight respiratory irritation.

2.2 Health Effects – Chronic

Skin sensitisation reactions may occur if this product is frequently handled by hypersensitive persons.

2.3 First Aid

Swallowed

If swallowed, rinse out mouth then drink 1 - 3 cups of water. If effects occur/persist seek medical advice.

Eye

If eye contact occurs, rinse thoroughly under running water for 15 minutes with eyelids held open. Seek medical attention if irritation persists.

Skin

If skin contact occurs, wash thoroughly under running water. Remove contaminated clothing and launder thoroughly before re-use.

Inhaled

If discomfort is felt after inhalation of dust or powder, remove affected person to fresh air. If effects persist seek medical advice.

First Aid Facilities

Ensure an eye bath and safety shower are available and ready for use.

2.5 Advice to Doctor

Treat symptomatically based on judgement of doctor and individual reactions of patient.

2.6 Toxicity Data

No data available.

3. PRECAUTIONS FOR USE

3.1 Exposure Standards

An exposure standard has not been established for this product, however the following exposure limit is recommended : TWA 10 mg/m³.

3.2 Engineering Controls



Ensure workplace is well ventilated to maintain air concentrations below exposure standard.

3.3 Personal Protection

Avoid inhalation of dust. The following protective equipment is recommended : Protective glasses with side shields. Protective gloves (PVC/Rubber/Neoprene/ Nitrile/Butyl Rubber). Dust mask if exposure standard is likely to be exceeded. Suitable industrial clothing. Protective equipment used should comply with relevant Australian Standards. Wash hands and face thoroughly before work breaks and before going home.

3.4 Flammability

Not flammable under conditions of use.

SAFE HANDLING INFORMATION

4.1 Storage / Transport

Not classified as a dangerous good for transport by road or rail according to the Australian Dangerous Goods Code. Not classified as a dangerous good for storage. Keep containers tightly sealed. Store in a cool, dry area. Ensure all storage areas are well ventilated. Protect from heat, moisture and light. Do not store in metal containers. Do not store or transport with oxidising substances or alkalis. Take precautionary measures against static discharges. Avoid dust formation. Sources of ignition should be kept clear.

4.2 Packaging / Labelling

UN No. N/A
Class None Allocated
Sub Risk
Hazchem Code N/A
Pack Group 0
EPG No.
Shipping Name SODIUM ASCORBATE
Hazard
Risk Phrases
Safety Phrases

4.3 Spills and Disposal

Spills

Avoid dust formation. Sources of ignition should be kept clear. Clean up personnel should wear suitable clothing and protective glasses, gloves and approved dust mask. Sweep or shovel up spills together with dust binding agent or use a vacuum cleaner. DO NOT let product directly enter drains or watercourses. Place waste in labeled drums for disposal.

Disposal

Small amounts of waste can be disposed together with industrial waste to approved landfill in accordance with local regulations. Flush away spill area residues with copious amounts of water. Waste should be



disposed of by incineration in accordance with all Local, State and Federal regulations at an approved waste disposal facility.

4.4 FIRE AND EXPLOSION HAZARD

Fire / Explosion

Risk of dust explosions. Take precautionary measures against static discharges, particularly when handling or decanting large quantities of the product. If involved in a fire, the product can emit acrid smoke and irritating fumes. Incompatible with oxidizing substances and alkalis.

Extinguishing Media

Fire-fighters should wear self-contained breathing apparatus for fire only. In case of fire, use water, foam, carbon dioxide or dry chemical type extinguishers. Contain and dispose of fire debris and contaminated extinguishants in accordance with local regulations.

5 OTHER INFORMATION

Other Information

The product is readily biodegradable.