



LUWEI PHARMACEUTICAL GROUP CO.,LTD

Add: Shuangfeng Industrial Park Zichuan district Zibo Shandong China

MATERIAL SAFETY DATA SHEET OF ASCORBIC ACID 97% GRANULATION

SECTION 1: IDENTIFICATION OF SUBSTANCE

Product Name	Ascorbic Acid 97% Granulation (SFC-97)
Production details	Ascorbic Acid 97% Granulation (SFC-97) is an Ascorbic Acid preparation consisting of approximately 97% Ascorbic Acid USP/FCC/BP/PH-EUR and 3% hydroxypropyl methylcellulose.
Company information	Manufacturer: LUWEI PHARMACEUTICAL GROUP CO., LTD. Address: SHUANGFENG INDUSTRIAL PARK,ZICHUAN DISTRICT, ZIBO,SHANDONG CHINA.

SECTION 2: COMPOSITION DATA ON COMPONENTS

Composition Name	Percent
L-Ascorbic Acid	About 97%
Hydroxypropyl methylcellulose	About 3%

SECTION 3: HAZARDS IDENTIFICATION

Most important hazards	No particular hazards known
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SECTION 4: FIRST AID MEASURES

General information	Remove from expose, remove contaminated clothing, Person developing serious hypersensitivity relations must receive immediate medical attention. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Obtain medical attention.
Inhalation	May cause irritation of respiratory tract. Remove to fresh air.
Eye contact	May cause irritation. Flush with copious quantities of water.
Skin contact	May cause irritation. Flush with copious quantities of water.
Ingestion	May cause irritation. Flush out mouth with water.

SECTION 5: FIRE-FIGHTING MEASURES

Note	As with all fires, evacuate personnel to safe area.
Suitable extinguishing media	Water spray jet, dry powder, foam, carbon dioxide
Protection of fire-fighters	Precipitate gases/vapors/mists with water spray

SECTION 6: ACCIDENTAL RELEASE MEASURES.

Person-related safety precautions

Respiratory protection	NIOSH approved respirator
Ventilation	Adequate
Local exhaust	Recommended
Mechanical (general)	Recommended
Other	n/a
Protective gloves	Rubber
Eye protection	Safety goggles
Other protective clothing or equipment	Appropriated laboratory apparel protection exposed skin
Measures for environmental protection	Dispose of waste in accordance with all applicable laws
Methods for cleaning up	Collect solids, (Avoid dust formation), place spillage in appropriate container for waste disposal. Wash contaminated clothing before reuse.

SECTION 7: HANDLING AND STORAGE

Handling	Avoid contact with eyes, skin or clothing. Avoid breathing dust or mist. Use with adequate control. Wash thoroughly after handling. Wear fresh clothing daily. Wash contaminated clothing before reuse. Do not permit eating, drinking or smoking near material.
Storage	Store in tightly closed containers avoiding moisture and light.
Shelf life	24 months

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Control	See section 7
Personal protective equipment	Respiratory protection: NIOSH approved respiratory
	Protective gloves: Rubber
	Eye protection: Safety goggles
	Other protective clothing or equipment: Appropriate laboratory apparel protect exposed skin

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to yellowish white fine granular powder
Identification	Positive for ascorbic acid
Content	Not less than 96.0% and not more than 98.0% of $C_6H_8O_6$ on the dried basis (iodine titration)
Loss on drying	Not more than 0.15% (1g, vacuum, 60°C, 4 hr)
Residue on ignition	Not more than 0.1% (1g)
Bulk density (Tapped)	Between 0.75g/ml and 0.85g/ml
Angle of repose	Not more than 45°
Boiling point	n/a
Melting point	n/a
Specific gravity(H ₂ O=1)	n/a
Vapor pressure (mm Hg)	n/a
Vapor density (AIR=1)	n/a
Evaporation rate (Butyl acetate=1)	n/a
Flash point	n/a

SECTION 10: STABILITY AND REACTIVITY

Stability	Stable under the conditions mentioned in SECTION 7
Conditions to avoid	Moisture, light, heat
Material to avoid	Iron, copper, nickel salts.
Hazardous polymerization	Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity	None established
Primary irritant effect	None established

SECTION 12: ECOLOGICAL INFORMATION

According to all applicable laws.

SECTION 13: DISPOSAL CONSIDERATIONS

According to all applicable laws.

SECTION 14: TRANSPORT INFORMATION

Keep container tightly, closed and use with adequate ventilation; wash thoroughly after handling.

SECTION 15: REGULATORY INFORMATION

Individuals working with chemicals should consider all chemicals to be potentially hazardous even if their individual hazards may be uncharacterized or unknown.

SECTION 16: CAS NO

CAS NO.:50-81-7

n/a = not applicable