



SHANDONG LUWEI PHARMACEUTICAL CO.,LTD.

SHUANGFENG INDUSTRIAL PARK,ZICHUAN DISTRICT,ZIBO CIY,SHANDONG,CHINA

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MATERIAL SAFETY DATA SHEET

Section 1-Chemical Product and Company Identification

MSDS name: L-(+)- the Ascorbic acid

Synonyms vitamin C

Company Identification: Shandong Luwei Pharmaceutical Co.,Ltd.

Shuangfeng Industrial Park,Zichuan District,Zibo City,

Shandong,China

Date: 2020-1-01

Section 2- Composition, Information on Ingredients

CAS#	Chemical Name	%
50-81-7	L-(+)-Ascorbic Acid	100%

Section 3 – Hazards Identification

EMERGENCY OVERVIEW

Light sensitive Air sensitive .

POTENTIAL HEALTH EFFECTS

Eye	Contact cause transient eye imitation.
Skin	Low hazard for usual industrial handing.
Ingestion	Low hazard for usual industrial handing. May cause mild digestive tract imitation.
Inhalation	May cause respiratory tract imitation.
Chronic	Not available

Section 4 First Aid Measures

Eyes	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid.
Skin	Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if imitation develops or persists.
Ingestion	Get medical aid. Wash mouth out with water.
Inhalation	Remove from exposure to fresh air immediately, if not breathing give artificial respiration . If breathing is difficult, give oxygen.
	Get medical aid if cough or other symptoms appear.
Notes to Physician	Treat symptomatically and

Section 5 – Fire Fighting Measures

General Information As in any fire , wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSK(approved or equivalent),and full protective gear.

Extinguishing Media	In case of fire use water spray, dry chemical, carbon dioxide, or chemical foam.
At ignition Temperature	Not available.
Flash Point	Not available.
NFPH Rating	Not published.
Explosion Limits	Lower Not available. Upper Not available.

Section 6- Accidental Release Measures

General Information Use proper personal protective equipment as indicated in section
Spills/Leaks Vacuum or sweep up material and place into a suitable disposal container.

Section 7 - Handling and Storage

Handling Avoid breathing dust , vapor , mist ,or gas ,Avoid contact with skin and eyes.
Storage Stored in a cool dry place ,stored in a tightly closed container.

Section 8-Exposure Controls, Personal Protection

Engineering Controls Use adequate ventilation to keep airborne concentrations low.

PERSONAL PROTECTIVE EQUIPMENT

Eyes Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA ' s eye and face protection regulations in 29 OPR 1910.133 or European Standard EN166.
Skin Wear appropriate protective gloves to prevent skin exposure.
Clothing Wear appropriate protective clothing to prevent skin exposure.
Respirators Follow the OSHA respirator regulations found in 29 CFR 1910.134 Or European Standard EN149. Always use a NIOSH or European standard EN 145 approved respirator when necessary.

Section 9 – Physical and Chemical Properties

Physical State Powder
Appearance White
Odor Not available
PH Not available
Vapor Pressure Negligible
Viscosity Not available
Boiling Point Not available
Freezing/Melting Point 190 °C
Decomposition Temperature Not available
Solubility 333 Gs/ L water at 20 °C
Specific Gravity /Density 1.7000g/cm³
Molecular Formula C₆H₈O₆
Molecular Weight 176.13

Section 10 — Stability and Reactivity

Chemical stability Stable under normal temperatures and pressures
Conditions to Avoid Incompatible materials light exposure to air
Incompatibilities with Other Materials Strong oxidizing agents
Hazardous Decomposition Products Carbon monoxide carbon dioxide
Hazardous Polymerization Will not occur

Section 11 – Toxicological Information

RTECS # CAS # 50-81-7: C 17650000
LD50/LC50 CAS # 50-81-7: Oral mouse; LD50 =3367mg/kg Oral rat: LD50=11900mgkg
Carcinogenicity L-(+)-Ascorbic acid Not listed by ACGLI IARC NIOSH NTP, or OSHA
Other see actual entry in RTECS for complete information

Section 12-Ecological Information

For further information contact Shandong Luwei Pharmaceutical Co.,Ltd.

Section 13-Disposal Considerations

Dispose of in a manner consistent with local regulations.

Section 14 – Transport Information

	US DOT	IMO	IATA	RID/ADR	Canadian TDG
Shipping Name	N/A	N/A			N/A
Hazard Class					
UN Number:					
Packing Group:					

Section 15-Regulatory Information

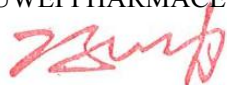
European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: Not available.
Disk Phrases;
Safety Phrases;
S 24/25 Avoid contact with skin and eyes.
WGK (Water Danger/Protection)
CAS # 50-81-7:0
Canada
CAS#50-81-7 is listed on Canada ' s DSLADSL List.
CAS#50-81-7 is not listed on Canada ' s ingredient disclosure list.
Exposure Limits
US FEDERAL
TSCA
CAS # 50-81-7 is listed on the TSCA inventory.

Section 16-Addirional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses. Or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

Section 17-Allergens Contect

For and on behalf of
山东鲁维制药有限公司
SHANDONG LUWEI PHARMACEUTICAL CO., LTD.
SHANDONG LUWEI PHARMACEUTICAL CO.LTD



Authorized Signiture(s)