

AKÖMA™

FROM THE HEART

Material Safety Data Sheet

EU Regulation: 1907/2006

Section 1 - Chemical product and company identification	
Product:	Vitamin C (Ascorbic Acid)
Synonyms:	Vitamin C
1.2 Details of the supplier of the safety data sheet	
Company Address	Akoma International (UK) LTD Unit 9A Sawley Park Nottingham Road Derby DE21 6AS United Kingdom
Email	technical@akoma.biz
1.3 Details of the supplier of the safety data sheet	
Emergency Contacts	Mr. Wynn Mensah – Tel: 01332 613 967

SECTION 2: Hazards Identification	
EMERGENCY OVERVIEW	
Light sensitive. Air sensitive	
Classification (67/548/EEC)	
2.1 classification of the substance or mixture	
Classification according to regulation (EC) No.1272/2008[CLP]	Not classified
Adverse physicochemical, human health and environmental effects	No additional information available
2.2 Label Elements	
Labeling according to regulation (EC) No.1272/2008[CLP]	No labeling applicable
2.3 Other hazards	
Other hazards not contributing to the classification	
exposure may produce an allergic reaction	

Akoma International (UK) LTD

Unit 9A Sawley Park

Nottingham Road

Derby

DE21 6AS

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Vitamin C (Ascorbic Acid) - MSDS

compliance under 29 CFR 1910.1200, OSHA's Hazard communication Standard 2012 (HAZCOM 2012)

Section 3 - Composition, Information on Ingredient

Name	Product Identifier	%	Classification according to 67/548/EEC
Ascorbic Acid	(CAS No.) 50-81-7 (EC No.) 200-066-2	≤100%	Not Classified
Name	Product Identifier	%	Classification according to EC No.127212008[CLPJ]
Ascorbic Acid	(CAS No) 50-81-7 (EC No) 200-066-2	≤100%	Not Classified

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 irritation 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	

SECTION 5: Fire Fighting Measures

General Information	As in any fire , wear a self-contained breathing apparatus in pressure demand, MSHA/NIOSH (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.
NFPA 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 & 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 eye glasses or chemical safety goggles as described by OSHA's eye

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Sea Buckthorn Oil, Cold Pressed - MSDS

	and face protection regulations in 29 OPR 191.0.1.33 or European Standard EN 166.
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 & 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 & Reactivity

Chemical stability	Stable under normal temperature and pressures.
Conditions to Avoid	Incompatible materials light exposure to
Incompatibilities with Other Materials	Strong oxidizing agents
Hazardous Decomposition Products	Carbon monoxide carbon dioxide

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=11900mg/kg
Carcinogenicity	L-(+)-Ascorbic acid Not listed by ACGLIL IARC NIOSH NTP, or OSHA
Other	See actual entry in RTECS for complete information.
POTENTIAL HEALTH EFFECTS	
Eye	Contact cause transient eye irritation.
Skin	Low hazard for usual industrial handling.
Ingestion	Low hazard for usual industrial handling. May cause mild digestive tract irritation.
Inhalation	May cause respiratory tract irritation.
Chronic	Not available
Acute toxicity	Not classified

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Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity(single exposure)	Not classified
Specific target organ toxicity(repeated exposure)	Not classified
Aspiration hazard	Not classified
Potential adverse human health effects and symptoms	To our knowledge, the product does not present any particular risk under normal conditions of use.Lru.ge amounts: Not applicable

SECTION 12: Ecological Information

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

SECTION 13: Disposal Information

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
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.
 WOK (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 list,
 Exposure Limits

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US FEDERAL

TSCA

CAS # 50-81-7 is listed on the TSCA inventory,

SECTION 16: Additional 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 lots profit or any special indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

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