

532 Point Lawrence Rd.

Olga, WA 98279

Tel: 360-376-8008

## MATERIAL SAFETY DATA SHEET MAGNESIUM ASCORBYL PHOSPHATE

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION		PAGE 1
Common Name/Product Name:	Magnesium Ascorbyl Phosphate	
Distributor Name	Lotioncrafter LLC 532 Point Lawrence Rd Olga, WA 98279 USA	
Telephone	1-360-376-8008	
Fax	1-360-376-1409	
Commercial Name (s)	Magnesium Ascorbyl Phosphate	
Synonym	L-Ascorbic Acid Phosphate Magnesium Salt	
Chemical Name	Magnesium -L-Ascorbyl-2-phosphate	
Chemical Formula	C6H6O9PMg3/2	

Section 2: COMPOSITION AND INFORMATION ON INGREDIENTS					
NAME	CAS #	EINEC	EXPOSURE LIMITS	STEL (mg/m3)	PERCENT
Magnesium Ascorbyl Phosphate	113170-55-1	N/A	TWA (mg/m3)		(by wt)
Toxicological Data on Ingredients			ACUTE ORAL (LD50) (rat)	>2000 mg/kg	

Section 3: HAZARDS IDENTIFICATION	
Hazard Designation	May cause irritation in some individuals
Safety Hazards	

Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.
Skin Contact	Wash with soap and water.
Inhalation	Allow the victim to rest in a well ventilated area. If not breathing, give artificial respiration.
Ingestion	Give plenty of water to drink. Seek medical attention.

## SECTION 5: FIRE AND EXPLOSION DATA

Flammability of the Product	N/A
Auto-Ignition Temperature	N/A
Flash Points	N/A
Flammable Limits	N/A
Products of Combustion	Non combustible, however if involved in a fire, hazardous fumes may be evolved
Fire Hazards in Presence of other Substances	N/A
Explosion Hazards in Presence of Various Substances	N/A
Fire Fighting Media and Instructions	Water, foam, dry chemical, CO2 Irritating or toxic gases, fumes, smoke, or particulates are not expected. Relative hazard is anticipated to be the same as normal, combustible materials.
Special Remarks	

## Section 6: ACCIDENTAL RELEASE MEASURES

Small Spill	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Collect mechanically and dispose of according to local and regional authority requirements.
Large Spill	Use a shovel to put the material into a convenient waste disposal container. Collect mechanically. Do not allow entry into drains or waterways.

Precautions Do not ingest. Do not breathe dust.  
Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately.

Storage Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place.

## Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Engineering Controls Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. Use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection Eye goggles with side guards. Lab coat. Approved or certified dust respirator.

Personal Protection in case of large spill Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State & Appearance	White to off-white powder	pH (0.1% aqueous solution)	7-8.5
Loss on Drying	20% max	Solubility in water	
Molecular Wt	759.22	(at 25 deg C)	154 g/l
Specific Gravity	1.76 g/cm <sup>3</sup>	Odor	Odorless

## Section 10: STABILITY AND REACTIVITY DATA

Stability	Stable
Instability Temp	N/A
Conditions of Instability	N/A
Incompatibility with Various substances	Acids, bases, Strong oxidizing agents
Corrosivity	N/A
Special Remarks	N/A
Polymerization	Will not occur.

## Section 11: TOXICOLOGICAL INFORMATION

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Routes of Entry	Dermal contact. Eye Contact. Ingestion. Inhalation
Toxicity to Animals	Acute oral toxicity (LD50): >2000 mg/kg (RAT)
Chronic Effects on Humans	Eye contact to dusts may cause irritation

## Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	N/A
BOD 5 and COD	N/A
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Additional information	

## Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal	Disposal must be made according to state and local regulations
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## Section 14: TRANSPORT INFORMATION

DOT Classification	Not a DOT controlled material (USA)
Identification	N/A
Special Provisions for Transport	N/A

## Section 15: REGULATORY INFORMATION

Federal and State Regulations	N/A
Other Regulations	N/A

## Section 16: OTHER INFORMATION

Not Available

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