

MATERIAL SAFETY DATA SHEET
SODIUM ASCORBYL PHOSPHATE



1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Sodium Ascorbyl Phosphate	Supplier:	ASES CHEMICAL WORKS.
INCI Name:	L-Ascorbic acid, Phosphate Sodium salt	Address:	Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India
CAS Number:	66170-10-3	Phone:	+91-9636889954
Formula	C ₆ H ₆ O ₉ PNa ₃ .5H ₂ O	Web:	www.ases.in
Product Form:	Powder	Email :	ecom@ases.in
Product Use:	Raw material for cosmetic.		

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

No data available

Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms	No data available
Signal word	No data available
Hazard effects	Ingestion: Human repeats insult patch test. No irritation or sensitization upon challenge application.
Eye contact:	May cause mild eye irritation.
Other hazards	No data available

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	Technical name:	CAS No	Formula	Weight%
Sodium Ascorbyl Phosphate	L-Ascorbic acid, Phosphate Sodium salt	66170-10-3	C ₆ H ₆ O ₉ PNa ₃ .5H ₂ O	<=99%

4 FIRST AID MEASURES

General advice:	If you feel unwell, seek medical advice.
Eye Contact:	Flush eyes with water as a precaution . Get medical attention if irritation persists.
Skin Contact:	Wash off with soap and plenty of water. Consult a physician.
Inhalation:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5 FIRE-FIGHTING MEASURES

Extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	Not applicable.
Extinguishing Procedures:	Wear self-contained breathing apparatus for fire-fighting if necessary
Specific chemical hazards:	Carbon oxides.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment. Avoid breathing vapours. Ensure adequate ventilation.
Environmental precautions	Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system.
Methods for cleaning up	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

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7 HANDLING & STORAGE

Handling : Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Storage : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters Components with workplace control parameters

Exposure controls Handle in accordance with good industrial hygiene and safety practice.

Eye/face protection Face shield and safety glasses Use government standards approved equipment for eye protection.

Skin protection None required.

Body Protection Wash thoroughly after handling.

Respiratory protection Use a full-face respirator and components tested and approved under appropriate standards.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance White to almost white powder

Odour Faint characteristic odour

pH of solution 9.0-10.5 (3% aq. Soln.)

Melting point 215°C Decompose

Assay as dry base (% HPLC) ≥98.5

Temperature 215 O 215°C

Water solubility Soluble

10 STABILITY AND REACTIVITY

Reactivity: No data available.

Stability: Stable under recommended storage conditions.

Hazardous Polymerization: No data available.

Incompatibility Material: Strong oxidizing or reducing agents.

Hazardous decomposition products: No data available.

11 TOXICOLOGICAL INFORMATION

Acute toxicity No human toxicity studies have been carried out with this product. No animal toxicity studies have been carried out with this product.

Carcinogenicity Not listed as a carcinogen by NTP.

Reproductive toxicity No data available

STOT – single/ repeated exposure No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity : No ecological studies have been carried out on this product.

Persistence and Degradability: Not Applicable.

Bioaccumulative Potential: Not Applicable.

Mobility in Soil: Not Applicable.

PBT and vPvB Assessment: Not Applicable.

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13 DISPOSAL CONSIDERATIONS

Waste Residues: Dispose substance in accordance with prevailing country, federal, state and local regulations.

14 TRANSPORT INFORMATION

Proper Shipping Name (ADR/RID/ADN/IMDG/ICAO-IATA):

Not dangerous goods

15 REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

Chemical safety assessment : For this product a chemical safety assessment was not carried out.

16 OTHER 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 ASES CHEMICAL WORKS assume no liability resulting from its use.