

# SAFETY DATA SHEET

## L- ASCORBIC ACID (VITAMIN C POWDER)

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: L- Ascorbic acid ( Vitamin C Powder)

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,  
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

### 2. HAZARD IDENTIFICATION

**Classification of the substance or mixture:**

Not a hazardous substance or mixture.

This substance is not classified as dangerous.

**Label element:** Not applicable.

**Other hazard:** No particular hazards known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.
L-Ascorbic Acid	50-81-7

### 4. FIRST AID MEASURES

**Description of first aid measures:**

**Eye contact:** Rinse immediately with tap water for 10 minutes - open eyelids forcibly.

**Skin contact:** Remove contaminated clothes; wash affected skin with water and soap; do not use any solvents.

**Inhalation:** Remove the casualty to fresh air and keep him/her calm; in the event of symptoms get medical treatment.

**Swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Most important symptoms and effects, both acute and delayed:**

The most important known symptoms and effects are described in the labeling (see

section 2) and /or in section 11.

**Indication of any immediate medical attention and special treatment needed:**

Not applicable.

## 5. FIRE FIGHTING MEASURES

**Extinguishing media:**

**Suitable extinguishing media:** Water spray jet, dry powder, foam, carbon dioxide.

**Special hazards arising from the substance or mixture:** Severe dust explosion hazard.

**Advice for fire-fighters:** Precipitate gases/vapors/mists with water spray.

**Additional information:** Not applicable.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:**

Avoid dust formation. Avoid breathing vapors, mist or gas.

For personal protection see section 8.

**Environmental precautions:** Do not let product enter drains.

**Methods and material for containment and cleaning up:**

Sweep up and shove. Keep in suitable, closed containers for disposal.

**Reference to other sections:** For disposal see section 13.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.

**Conditions for safe storage, including any incompatibilities:**

Store in a non-metallic and sealed container, keep in a dry place and away from light.

**Specific end uses:**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters:** Components with workplace control parameters.

**Exposure controls:**

**Appropriate engineering measures:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

**Personal protective equipment:**

**Respiratory protection:** In case of high dust concentrations: particle mask or respirator with independent air supply.

**Skin protection:**

**Body protection:** Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Hand protection:** Protective gloves (e.g. made of natural rubber).

**Other skin protection measures:** Suitable skin protection.

**Eye/ Face protection:** Safety glasses.

**Environmental exposure controls:** Do not let product enter drains.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	A white or almost white, crystalline powder or colorless crystals
Odor	Almost odorless, with sharp acidic, pleasant taste
Odor Threshold	Not applicable
pH	2.1–2.6 (5% aqueous solution)
Melting point/freezing point	About 190 °C (with decomposition)
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	Not applicable
Vapor pressure	Not applicable
Vapor density	Not applicable
Relative density	Not applicable
Water solubility	Not applicable
Partition coefficient	Not applicable
Auto-ignition temperature	Not applicable
Viscosity	Not applicable
Explosive properties	Not applicable
Oxidizing properties	Not applicable

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not applicable.

**Chemical Stability:** Stable at room temperature under exclusion of humidity.

**Possibility of hazardous reactions:** Not applicable.

**Conditions to avoid:** Humidity; warming.

**Incompatible materials:** Oxidizing agents, atmospheric oxygen, bases, metals, metal salts.

**Hazardous decomposition products:**

Other decomposition products - Not applicable.

In the event of fire: see section 5.

## 11. TOXICOLOGICAL INFORMATION

**Information on toxicological effects:**

**Acute toxicity:** LD50 11'900 mg/kg (oral, rat)

LD50 8'000 mg/kg (oral, mouse)

**Skin corrosion/irritation:** Not applicable.

**Serious eye damage/eye irritation:** Not applicable.

**Respiratory or skin sensitization:** Not applicable.

**Germ cell mutagenicity:** Not applicable.

**Carcinogenicity:** Not carcinogenic (several species)

**Reproductive toxicity:** Not teratogenic, not embryo toxic

**Specific target organ toxicity - single exposure:** Not applicable.

**Specific target organ toxicity - repeated exposure:** Not applicable.

**Aspiration hazard:** Not applicable.

**Additional Information:** None.

## 12. ECOLOGICAL INFORMATION

**Toxicity:** Not applicable.

**Persistence and degradability:** Not applicable.

**Bioaccumulative potential:** Not applicable.

**Mobility in soil:** Not applicable.

**Results of PBT and vPvB assessment:** Not applicable.

**Other adverse effects:** Not applicable.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods:**

**Product:** Observe local/national regulations regarding waste disposal; drain very small quantities into wastewater treatment plant; large amounts: incinerate in qualified installation.

**Contaminated packaging:** Dispose of as unused product.

## 14. TRANSPORT INFORMATION

14.1 UN number:

ADR/RID: -

IMDG: -

IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4 Packaging group

ADR/RID: -

IMDG: -

IATA: -

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user: Not applicable.

## 15. REGULATORY INFORMATION

No classification and labeling according to EU directives; this product is on the European Inventory of Existing Commercial Chemical Substances.

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

Not applicable.

**Chemical Safety Assessment:**

For this product a chemical safety assessment was not carried out

## 16. OTHER INFORMATION

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