西安绿天生物技术有限公司
Plamed Green Science Group

MATERIAL SAFETY DATA SHEET

Section1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

Product name: Ethyl Ascorbic Acid

CAS-No.: 86404-04-8

Recommended use of the chemical and restrictions on use

Identified uses: For industry use only

Uses advised against: no data available

Product Name	Ethyl Ascorbic Acid
Manufacturer/Supplier	Plamed Green Science Group
Address	69# Jinye Rd., High-Tech Zone, Xi'an, P. R. China.
Phone Number	+ 86-29-81021258

Section 2. HAZARDS IDENTIFICATION

GHS classification

PHYSICAL HAZARDS Not classified

Not classified

HEALTH HAZARDS

ENVIRONMENTAL HAZARDS Not classified

GHS label elements, including precautionary statements

Pictograms or hazard symbols None

No signal word

Signal word

Hazard statements None

Precautionary statements: None

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Synonyms: 3-O-Ethyl-L-ascorbic Acid

INCI name: 3-O-ETHYL ASCORBIC ACID

Formula: $C_8H_{12}O_6$

Percent:>98.0%(T)

Section 4. FIRST AID MEASURES

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Get medical advice/attention if you feel unwell.

Skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Get medical advice/attention if you feel unwell. Rinse mouth.

A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

Protection of first-aiders:

Section 5. FIREFIGHTING MEASURES

Suitable extinguishing Dry chemical, foam, water spray, carbon dioxide.

media:

Precautions for firefighters: Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.

Special protective: When extinguishing fire, be sure to wear personal protective equipment.

equipment for firefighters:

Section 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, Use personal protective equipment. Keep people away from and upwind of spill/leak. protective equipment and Entry to non-involved personnel should be controlled around the leakage area by emergency procedures: roping off, etc.

Environmental precautions: Prevent product from entering drains.

Methods and materials for Sweep dust to collect it into an airtight container, taking care not to disperse it. containment and cleaning Adhered or collected material should be promptly disposed of, in accordance with up: appropriate laws and regulations.

Section 7. HANDLING AND STORAGE

Precautions for safe handling

Handling is performed in a well ventilated place. Wear suitable protective equipment.

Technical measures:

Prevent dispersion of dust. Wash hands and face thoroughly after handling.

Use a local exhaust if dust or aerosol will be generated.

Advice on safe handling: Avoid contact with skin, eyes and clothing.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a refrigerator.

Storage conditions:

Store away from incompatible materials such as oxidizing agents.

Heat-sensitive

Packaging material: Comply with laws.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.

Personal protective equipment

Respiratory protection: Dust respirator. Follow local and national regulations.

Hand protection: Protective gloves.

Eye protection: Safety glasses. A face-shield, if the situation requires.

Skin and body protection: Protective clothing. Protective boots, if the situation requires.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state (20°C): Solid

Form: Crystal Powder

Colour: White - Almost white

Odour: No data available

pH: 3.0-5.0

Melting point/freezing point: No data available

Boiling point/range: No data available

Flash point: No data available

Flammability or explosive limits: No data available

Lower: No data available

Upper: No data available

Relative density: No data available

Solubility(ies): water

[Other solvents] No data available

Section 10. STABILITY AND REACTIVITY

Possibility of hazardous reactions: No special reactivity has been reported.

Incompatible materials: Oxidizing agents

Hazardous decomposition products: Carbon monoxide, Carbon dioxide

Section 11. TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/irritation: No data available

Germ cell mutagenicity: No data available

Carcinogenicity:

IARC=No data available

NTP=No data available

Reproductive toxicity: No data available

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Fish: No data available

No data available

Crustacea:

Algae: No data available

Persistence / degradability: No data available

Bioaccumulative: No data available

potential(BCF):

Mobility in soil

No data available

Log Pow:

Soil adsorption (Koc): No data available

No data available

Henry's Law

constant(PaM3/mol):

Section 13. DISPOSAL CONSIDERATIONS

Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system.

Observe all federal, state and local regulations when disposing of the substance.

Section 14. TRANSPORT INFORMATION

UN Number:

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

UN Proper Shipping Name:

ADR/RID: unknown

IMDG: unknown

IATA: unknown

Transport hazard class(es):

ADR/RID: No dangerous goods

IMDG: No dangerous goods

IATA: No dangerous goods

Packing group, if applicable:

ADR/RID: No dangerous goods

IMDG: No dangerous goods

IATA: No dangerous goods

Environment hazards:

ADR/RID: no

IMDG: no

IATA: no

Special precautions for user: no data available

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: no data available

Section 15. REGULATORY INFORMATION

Safe management ordinance of dangerous chemical product (State Council announces on January 26, 2002 and revised on February 16,2011): Safe use and production, the storage of a dangerous chemical, transport, loading and unloading were prescribed.

3-O-Ethyl-L-ascorbic Acid

Section 16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Plamed shall not be held liable for any damage resulting from handling or from contact with the above product. See and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.