Material Safety Data Sheet

# SECTION 1: Identification of the substance and of the company

## Product identifier

Product name

Synonyms

## Company Identification

Company Address

E-mail

: 3-O-Ethyl-L-ascorbic acid

: ETHYL ASCORBIC ACID,3-o-ethyl-l-ascorbic Acid

: Deo Organic

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sales@deoorganic.com

# SECTION 2: Hazards identification

## Classification of the substance or mixture

Eye irritation, Category 2 **Label elements Pictogram(s)**

Signal word

### Hazard statement(s)

H319 Causes serious eye irritation **Precautionary statement(s) Prevention**

Warning

P264 Wash ... thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

### Response

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage** none **Disposal** none

## Other hazards

no data available

# SECTION 3: Composition/information on ingredients

## Substance

Product name Synonyms

MF

MW

: 3-O-Ethyl-L-ascorbic acid

: ETHYL ASCORBIC ACID,3-o-ethyl-l-ascorbic Acid

: C8H12O6

: 204.18

# SECTION 4: First aid measures

## Description of first aid measures

### If inhaled

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

### Following skin contact

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

### Following eye contact

Rinse with pure water for at least 15 minutes. Consult a doctor.

### Following ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

## Most important symptoms and effects, both acute and delayed

no data available

## Indication of any immediate medical attention and special treatment needed

no data available

# SECTION 5: Firefighting measures

## Extinguishing media

Use dry chemical, carbon dioxide or alcohol-resistant foam.

## Specific Hazards Arising from the Chemical

no data available

## Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

# SECTION 6: Accidental release measures

## Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing mist, gas or vapours.Avoid contacting with skin and eye. Use personal protective equipment.Wear chemical impermeable gloves. Ensure adequate ventilation.Remove all sources of ignition. Evacuate personnel to safe areas.Keep people away from and upwind of spill/leak.

## Environmental precautions

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

## Methods and materials for containment and cleaning up

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark- proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

# SECTION 7: Handling and storage

## Precautions for safe handling

Handling in a well ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

## Conditions for safe storage, including any incompatibilities

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

# SECTION 8: Exposure controls/personal protection

## Control parameters

### Occupational Exposure limit values

no data available **Biological limit values** no data available

## Exposure controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-

elimination area.

## Individual protection measures

### Eye/face protection

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

### Skin protection

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

### Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

### Thermal hazards

no data available

# SECTION 9: Physical and chemical properties

## Information on basic physicochemical properties

Physical state Solid

Colour White to Off-White

Odour no data available

Melting point/freezing point 115 °C. Atm. press.:1 013 hPa.

Boiling point or initial boiling point and boiling range

Remarks:Reaction and/or decomposition of the test item was observed starting at 250 °C. Boiling of

the test item was not observed below the temperature at which reaction and/or decomposition started.

Flammability no data available

Lower and upper explosion limit/flammability limit

no data available

Flash point 14°C(lit.)

Auto-ignition temperature no data available

Decomposition temperature no data available

pH no data available

Kinematic viscosity no data available

Solubility Methanol (Slightly), Water (Slightly) Partition coefficient n-octanol/water log Pow = -0.8. Temperature:20 °C.

Vapour pressure <= 0 Pa. Temperature:20 °C.;<= 0 Pa. Temperature:25 °C. Density and/or relative density 1.47 g/cm3. Temperature:20 °C.

Relative vapour density no data available

Particle characteristics no data available

# SECTION 10: Stability and reactivity

## Reactivity

no data available **Chemical stability** no data available

## Possibility of hazardous reactions

no data available **Conditions to avoid** no data available

## Incompatible materials

no data available

## Hazardous decomposition products

no data available

# SECTION 11: Toxicological information

## Acute toxicity

 Oral: LD50 - >= 13 - <= 10 000 microG. Remarks:Results based on many compounds.  Inhalation: no data available

 Dermal: no data available **Skin corrosion/irritation** no data available

## Serious eye damage/irritation

no data available

## Respiratory or skin sensitization

no data available **Germ cell mutagenicity** no data available **Carcinogenicity**

no data available

## Reproductive toxicity

no data available

## STOT-single exposure

no data available

## STOT-repeated exposure

no data available **Aspiration hazard** no data available

# SECTION 12: Ecological information

## Toxicity

 Toxicity to fish: no data available

 Toxicity to daphnia and other aquatic invertebrates: EC50 - Daphnia magna - > 78 mg/L - 48 h.

 Toxicity to algae: EC50 - Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) - > 81 mg/L - 72 h.

 Toxicity to microorganisms: no data available

**Persistence and degradability** no data available **Bioaccumulative potential**

no data available

## Mobility in soil

no data available

## Other adverse effects

no data available

# SECTION 13: Disposal considerations

## Disposal methods

### Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

### Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

# SECTION 14: Transport information

## UN Number

ADR/RID: Not dangerous goods. (For reference only, please check.)

IMDG: Not dangerous goods. (For reference only, please check.)IATA: Not dangerous goods. (For reference only, please check.)

## UN Proper Shipping Name

ADR/RID: Not dangerous goods. (For reference only, please check.) IMDG: Not dangerous goods. (For reference only, please check.) IATA: Not dangerous goods. (For reference only, please check.)

## Transport hazard class(es)

ADR/RID: Not dangerous goods. (For reference only, please check.) IMDG: Not dangerous goods. (For reference only, please check.) IATA: Not dangerous goods. (For reference only, please check.)

## Packing group, if applicable

ADR/RID: Not dangerous goods. (For reference only, please check.) IMDG: Not dangerous goods. (For reference only, please check.) IATA: Not dangerous goods. (For reference only, please check.)

## Environmental hazards

ADR/RID: No IMDG: No IATA: No

## Special precautions for user

no data available

## Transport in bulk according to IMO instruments

no data available

# SECTION 15: Regulatory information

## Safety, health and environmental regulations specific for the product in question

### European Inventory of Existing Commercial Chemical Substances (EINECS)

Not Listed. **EC Inventory** Not Listed.

### United States Toxic Substances Control Act (TSCA) Inventory

Not Listed.

### China Catalog of Hazardous chemicals 2015

Not Listed.

### New Zealand Inventory of Chemicals (NZIoC)

Not Listed.

### PICCS

Not Listed.

### Vietnam National Chemical Inventory

Not Listed.

### IECSC

Not Listed.

### Korea Existing Chemicals List (KECL)

Not Listed.

# SECTION 16: Other information

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