

SAFETY DATA SHEET

Revision Date 15.08.2021
Version 5.2

SECTION 1: Chemical Product and Company Identification

Trade name : ActiBiso™ VCT

INCI name : **Asorbyl Tetraisopalmitate**

Other name : Tetrahexyldecyl Ascorbate

CAS-No. : 183476-82-6

Company : Bisor Corporation
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SECTION 2: Composition and Information on Ingredients

Synonym : Ascorbyl Tetra-2-Hexyldecanoate

Formula : C70H128O10

Substance or Mixture : Substance

Ingredients Ingredient(INCI name)	Concentration (%)	CAS No.
Ascorbyl Tetraisopalmitate(Ascorbyl Tetraisopalmtate)	100	183476-82-6

SECTION 3: Hazards Identification

Most Important Hazards and Effects

GHS Classification

Physical and Chemical Hazards: Not classified

Health Hazards

Acute Toxicity (Oral): CATEGORY 5

Acute Toxicity (Dermal): Classification not possible

Acute Toxicity (Inhalation: gases): Not applicable

Acute Toxicity (Inhalation: vapors): Classification not possible

Acute Toxicity (Inhalation dust, mists): Classification not possible

Skin Corrosion / Irritation: Not classified

Serious Eye Damage / Eye Irritation: CATEGORY 2B

Respiratory Sensitization: Classification not possible

Skin Sensitization: Not classified

Germ Cell Mutagenicity: Classification not possible

Carcinogenicity: Not classified

Reproductive Toxicity: Classification not possible

Specific Target Organ Systemic Toxicity(Single Exposure):

Classification not possible

Specific Target Organ Systemic Toxicity (Repeated Exposure):

Classification not possible

Aspiration Hazard: Classification not possible

Environmental Hazards

Hazardous to The Aquatic Environment-Acute Toxicity:

Classification not possible

Hazardous to The Aquatic Environment- Chronic Toxicity:

Classification not possible

GHS label elements

Pictograms or Symbols

Signal word: Warning

Hazard Statements:

May be harmful if swallowed causes eye irritation

Precautionary Statements

Prevention: Wash thoroughly after handling.

Response: IF SWALLOWED: Call a doctor/physician if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: 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.

Storage: Store in a closed container.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulation(to be specified).

Safe Handling Advice: Refer to (M)SDS

SECTION 4: First Aid Measures

In Case of Inhalation:

Take victim to a place of fresh air and keep at rest in a position comfortable for breathing.

In Case of Skin Contact:

Wash with plenty of soap and water.

Take off contaminated clothing and wash before reuse.

In Case of Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Get medical advice/attention if eye irritation persists:

In Case of Ingestion:

Rinse mouth with water, and provide 1-2 cups of water or milk to drink.

Call a doctor/physician if you feel unwell.

In the event that the victim is not conscious, do not feed anything through the mouth.

SECTION 5: Fire and Explosion Data

Extinguishing Media:

Powder, alcohol-resistant foam, carbon dioxide, sand, water spray.

Not Suitable Extinguishing Media:

No information available

Special Hazards:

During a fire, toxic gases (e.g., carbon monoxide, nitrogen oxide etc) may be generated. Avoid inhaling smoke during fire extinguishing.

Special Methods:

Remove all combustible objects away from the fire and use adequate extinguishing media. Preferably extinguish the fire from the same direction of the wind. Evacuate personnel not involved in fire extinguishing to safe area. Equipment and machinery in prox.

Protection of Fire Fighters:

Use goggles in combination with dust mask. During a fire, toxic gases (e.g., carbon monoxide, nitrogen oxide etc) may be generated. Avoid inhaling smoke during fire extinguishing.

SECTION 6: Accidental Release Measures

Special Methods:

Use goggles and protective gloves. In case of large spills, remove person to safety. Ensure adequate ventilation.

Environmental Precautions:

Do not discharge into river or sewer.

In case of a small spill, absorb with liquid-binding material (sand, soil, cloth) and wipe away.

Methods for Cleaning Up:

the remains with cloth or fabric. Flush surroundings with large amounts of water. In case of a large spill, surround it with the mound of sand or soil to prevent

Promptly remove all combustible objects away from the spill and prepare fire extinguishing

Prevention of Secondary Hazards:

media. The spills on the floor must be cleaned promptly, otherwise they present a risk of traumatic accident. Avoid walking or stepping on the spills. While cleaning.

SECTION 7: Handling and Storage

Handling

Technical Measures:

The shower with water (for washing of eyes and body) must be installed near the handling facility.

Precautions: Keep away from source of ignition.

Safe Handling Advice: Use adequate ventilation. Use goggles and protective gloves. Wash thoroughly after handling.

Storage

Suitable Storage Conditions: Store at Normal temperature.

Safe Packaging Materials: No information available

SECTION 8: Exposure Controls/Personal Protection

Engineering Measures:

Exhaust system must be installed in case steam, fume or mist is generated at the operation facility. Shower with water (for washing eyes and body) must be installed near the handling facility.

Limit Values ACGIH: Not established (2008Y)

Protective Equipment

Respiratory Protection: Not needed in case of standard handling.

Hand Protection: Impermeable protective gloves.

Eye Protection: Goggles or protective glasses with side protectors.

Skin and Body Protection: Workwear with long sleeves.

Hygiene Measures: No information available

SECTION 9: Physical and Chemical Properties

Physical States

Form: Liquid

Appearance: Colorless to pale yellow liquid

Odor: Faint, Characteristic

pH: Specific Temperatures / temperature Ranges at which Changes in Physical State Occur

Boiling Point: No data

Melting Point (Congealing point): No data

Flash Point: 256°C

Flammability or Explosive Properties: No data

Flammability or Explosive Limits: Upper Limit : No data. **Lower Limit :** No data.

Vapour Pressure:

Vapour Density: No data

Specific Gravity: 0.930 – 0.943(20°C)

Solubility

Water Solubility: Insoluble

Solvent Solubility: No data

Partition Coefficient: No data

Auto-Ignition Temperature: No

Data Decomposition Temperature: No

Data Odor Threshold: No

Data Evaporation Rate: No

Data Flammability (solid, gas): No Data

Other Data:

SECTION 10: Stability and Reactivity Data

Chemical Stability: Stable in general.

Possibility of Hazardous Reactions: Stable in general.

Condition to Avoid: No information available

Incompatible Materials: No information available

Hazardous Decomposition Products: Carbon monoxide, Nitrogen compound

SECTION 11: Toxicological Information

Acute Toxicity (oral): LD50, Rat, >2000m g/kg

Acute Toxicity (dermal): No data

Acute Toxicity (Inhalation: gases): No data

Acute Toxicity (Inhalation: vapors): No data

Acute Toxicity (Inhalation: dust, mists): No data

Skin Corrosion / Irritation: Human, 43 people, closed patch: no irritation. Rabbit skin, Primary irritation index: 0.3 (Negligibly irritating)

Serious Eye Damage / Irritation: Rabbit, 100%, Non eyewish, Slight irritation.

Respiratory or Skin Sensitization: Human, 100 people, at 10% dilution in silicone. Non-primary irritation.

Mutagenicity (germ cell mutagenicity): Ames test, Negative

Carcinogenicity

IARC: Not available

NTP: Not available

Reproductive Toxicity: No information available

Special Methods: No information available

Special Methods: No information available

Aspiration Hazard: No information available

SECTION 12: Ecological Information

Ecotoxicity: No data

Persistence / Degradability: No information available

Bioaccumulative Potential: No information available

Mobility in Soil: No information available

SECTION 13: Disposal Considerations

N/A

SECTION 14: Transport Information

UN Class / UN Number: Not applicable

Special Precautions for User:

Review "Section 7, Handling and Storage, Ensure containers without breakage or leakage. Ensure containers tightly fixed. Follow all regulations in your country or region.

SECTION 15: Other Regulatory Information

Inventories:

ENCS(Japan): 5-63

TSCA(USA): None

EINECS(EU): None

AICS(Australia): Yes

DSL(Canada): None

ECL(Korea): None

IECSC(China): Yes

SECTION 16: Other Information

Reference

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 we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Bisor Corporation be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Bisor Corporation has been advised of the possibility of such damages.