



杭州雷布新材料有限公司

Hangzhou Rebtech Novel Material Co., Ltd.

Material Safety Data Sheet

Tetrahexyldecyl Ascorbate

Date:2019-1-20

Section 1: Company Information

Company Name: Hangzhou Rebtech Novel Material Co., Ltd.

Add: Buil.D, No.11,Xi Yuan Ba Rd. The West Lake Science &Technology Park, Hangzhou, Zhejiang, China-310030.

Section 2: Chemical Product and Information on Ingredients

Product Name: Tetrahexyldecyl Ascorbate

Catalog Codes: No data

RTECS: No data

EINES: No data

CAS#: 183476-82-6

Synonym: VC-IP; Vitamin C tetra-isopalmitate; BV-OSC

Chemical Name: L-Ascorbicacid, tetrakis(2-hexyldecanoate); Ascorbyl tetra-2-hexyldecanoate

Chemical Formula: C₇₀H₁₂₈O₁₀

Toxicological Data on Ingredients: Not available.

Section 3: Hazards Identification

Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Label elements

The product does not need to be labeled in accordance with EC directives or respective national laws.

Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Section 4: First Aid Measures

Eyes:

In case of eye contact, rinse with plenty of water and seek medical attention if necessary

Inhalation:

Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.

Skin:

Flush with plenty of water and wash using soap.

Ingestion:

Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if necessary.

Section 5: Fire and Explosion Data

Suitable (and unsuitable) extinguishing media:

May be combustible at high temperature. Auto-ignition temperature (660°C (1220°F)). Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.

Special protective equipment & precautions for firefighters:

Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

Specific hazards arising from the chemical:

These products are carbon oxides (CO, CO₂). As with most powdered organic solids, fire is possible at elevated temperatures or by contact with an ignition source.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions

Not available.

Methods and material for containment and cleaning up

Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

Section 7: Handling and Storage

Precautions for safe handling:

See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

Conditions for safe storage, incl. any incompatibilities:

Store in cool, dry well ventilated area. Keep away from incompatible materials (see section 10 for incompatibilities).

Section 8: Exposure Controls/Personal Protection

Personal Protection:

Eyes: Not required, but wear chemical safety glasses or goggles.

Inhalation: Not needed under normal conditions of use.

Body: Slip proof shoes may be worn where spills may occur

Other: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

Component: Tetrahexyldecyl ascorbate

Exposure Limits: Not available.

TWA: Time Weighted Average over 8 hours of work.

TLV: Threshold Limit Value over 8 hours of work.

REL: Recommended Exposure Limit.

PEL: Permissible Exposure Limit.

STEL: Short Term Exposure Limit during x minutes.

IDLH: Immediately Dangerous to Life or Health.

WEEL: Workplace Environmental Exposure Levels.

CEIL: Ceiling.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Mild, typical

Taste: Not available.

Molecular Weight: Not available.

Color: Clear to light yellow

pH: Not available.

Boiling Point: Not available.

Melting Point: Not available.

Flash Point: Not available.

Specific Gravity: 0.93.

Vapor Pressure: Not available.

Saponification Value: Not available.

Iodine Value: Not available.

Flammability: Not available.

Peroxide Value: Not available.

Solubility: Insoluble in cold water

Section 10: Stability and Reactivity Data

Reactivity: Product is stable

Chemical Stability: Product is stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: Avoid strong oxidizers

Incompatible Materials: No known

Hazardous Decomposition Products: No known

Special Remarks: None

Section 11: Toxicological Information

Acute Toxicity: Not available

Skin: Not expected to be hazardous

Eyes: May be irritant to the eyes

Respiratory: Not expected to be hazardous

Ingestion: Not expected to be hazardous

Carcinogenicity: Not available

Teratogenicity: Not available

Germ Cell Mutagenicity: Not available

Embryotoxicity: Not available

Specific Target Organ Toxicity: Not available

Reproductive Toxicity: Not available

Special Remarks: Ingestion of small amounts during normal industrial handling is a low hazard. Ingestion of large amounts may cause gastrointestinal tract irritation, hypermotility, diarrhea, acidification of the urine which may cause stones in the urinary tract, renal failure, somnolence, lacrimation, and anemia.

Chronic Potential Health Effects: Prolonged or repeated ingestion may affect the blood/bone marrow and metabolism. May also affect behavior (psychomotoric).

Section 12: Ecological Information

Ecotoxicity

Aquatic Vertebrate: Not available

Aquatic Invertebrate: Not available

Terrestrial: Not available

Persistence and Degradability: Not available

Bioaccumulative Potential: Not available

Mobility in Soil: Not available

PBT and vPvB Assessment: Not available

Other Adverse Effects: Not available

Section 13: Disposal Considerations

Waste Disposal:

Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

Section 14: Transport Information

DOT (Dept. of Transportation, USA): Not regulated

TDG (Transportation of Dangerous Goods, Canada): Not regulated

IMDG (International Maritime Dangerous Goods): Not regulated

IATA (International Air Transport Association): Not regulated

ICAO (International Civil Aviation Organization): Not regulated

Section 15: Other Regulatory Information

TSCA Inventory Status: TSCA 8(b) inventory: listed

DSCL (EEC): This product is not classified according to the EU regulations.

WHMIS (Canada): Not controlled under WHMIS (Canada)

Section 16: Other Information

References: Not available

Other Special Considerations : Not available

Created:

Last Updated:

Further 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 we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes. In no event shall hzrebtech.com 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, however arising, even if hzrebtech.com has been advised of the possibility of such damages.