

Section 1. Product and Company Identification

Product Name Cetareth-20
CAS Number 68439-49-6

Chanjao Longevity Co., Ltd.
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EMERGENCY RESPONSE NUMBER
CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Acute Toxicity - Oral, Category 4

GHS Label Elements

Pictograms:



Signal word: WARNING

Hazard and precautionary statements

Hazard Statements

H303 Harmful if swallowed

Precautionary Statements

P264 Wash thoroughly after handling
P270 Do not eat, drink, or smoke when using this product
P301+P312 If swallowed: Call a Poison Center or doctor if you feel unwell
P330 Rinse mouth
P501 Dispose of contents/container in accordance with current legislation

Relevant Hazards: Harmful if swallowed.

Adverse Effects to Human Health

Ingestion: In large amounts, may cause gastrointestinal irritation, liver damage.

Inhalation: Due to low vapor pressure, it is unlikely to cause inhalation problems at room temperature.

Skin: It is unlikely that exposure to small amounts for short periods may have any irritant or toxic effect. Prolonged or repeated contact may cause irritation.

Eyes: May cause irritation.

Environmental Effects: Soluble in water. Readily biodegradable.

Section 3. Composition / Information on Ingredients

Common Name Ceteareth-20
Synonym(s) POE (20) Cetyl Stearyl Alcohol; Ethoxylated cetostearyl alcohol 20 EO;
Cetostearyl alcohol 20 EO
CAS Number 68439-49-6

COMPONENT	CAS NUMBER	CONCENTRATION
Ceteareth-20	68439-49-6	100%

Section 4. First Aid Measures

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention.

Inhalation: Move to fresh air. If difficulty breathing, give oxygen. If not breathing, give artificial respiration. Seek medical attention.

Eyes: Remove contact lenses if present and easy to do so. Flush eyes with copious amounts of water for fifteen minutes. If irritation occurs, seek medical attention.

Skin: Wash skin with plenty of soap and water. If irritation occurs, seek medical attention.

Information for doctor: There is no known specific antidote. Direct the treatment in accordance with symptoms.

Section 5. Firefighting Measures

Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Hazards Relating to Fire: Water jets should not be applied directly on the product in flames, for it may spread and increase the intensity of the fire. In case of combustion, it may generate carbon monoxide and carbon dioxide.

Special Firefighting Methods: Cool the intact exposed containers with water mist and remove them.

Protective Equipment

For Firefighting: Self-contained respiratory protection and protective clothes required.

Specific Hazards: Slight fire hazard. The powder product may become combustible in high concentrations.

Section 6. Accidental Release Measures

Personal Precautions: Isolate spill and put signs up in area. Keep heat and ignition sources away. Use the Personal Protection Equipment as indicated in Section 8 to avoid contact with product.

Environmental Precautions: Prevent product from reaching soil and streams. Inform the appropriate authorities if the product reaches draining systems or streams or contaminates the soil or vegetation.

Method for Clean-Up: Contain spill with inert material. Eliminate ignition sources. Transfer to proper container. Capture remnants with earth, sand, or inert materials. Wash the site with water, which should also be collected for disposal.

Section 7. Handling and Storage

Precautions for Safe Handling: Use in a well-ventilated area. Avoid inhalation of product, contact with the eyes, skin and clothes through proper protection. If accidental contact occurs, the affected area should be washed immediately. Emergency showers and eye-wash stations should be available in adequate areas. Wash completely after handling.

Appropriate Storage Measures: Store indoors in a cool, dry, well-ventilated place. Avoid direct sunlight, sources of heat and open flame. Keep sealed in original container. Provide proper grounding to prevent buildup of static.

Incompatible Substances: Avoid contact with strong oxidizing agents, strong acids and bases at high temperatures and compounds with affinity for hydroxyl groups.

Packaging Material: Polyethylene, vinyl ester resin, coated carbon steel or stainless steel.

Section 8. Exposure Controls / Personal Protection

Exposure Guidelines: Contains no substances with occupational exposure limit values.

Personal Protective Equipment

Eye Protection: Safety glasses with eye shields or goggles.

Hand Protection: Chemical resistant rubber gloves.

Body Protection: PVC apron and safety boots/shoes.

Respiratory Protection: No personal respiratory protective equipment normally required. In case of an emergency, or contact with high concentrations of product, wear an air supplied mask or self-contained breathing apparatus.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

Section 9. Physical and Chemical Properties

Appearance: White waxy solid

Boiling Point: Product will decompose before reaching a boiling point

Evaporation Rate: Not determined

Flash Point (Open Cup): 275°C

Melting Point/Freezing Point: 39 - 44°C

Odor: Mild fatty alcohol, characteristic
pH (1% Aq. solution @ 25°C): 5.0 - 8.0
Relative Density (25°C): 1.09 g/cm³
Solubility: Soluble in water (20°C for 1 hour at 0.5%)
Soluble in acetone
Vapor Pressure: Not determined
Vapor Density: Not determined

Section 10. Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage.
Reactivity: No hazardous reactivity is expected.
Conditions to Avoid: High temperatures, ignition sources and prolonged exposure to air.
Materials to Avoid: Strong oxidizing agents, strong acids and bases at high temperatures, compounds with affinity for hydroxyl groups.
Hazardous Reactions: Hazardous polymerization does not occur. In case of combustion, may generate carbon monoxide and CO₂.

Section 11. Toxicological Information

Inhalation: No data available.
Skin Contact: Slight irritation (60% Solution by weight, rabbits). LDLo, rabbits, 30 days: 800 mg/kg/day.
Eye Contact: No data available.
Ingestion: LD50, rat: 1260 mg/kg. LD50, rabbit: > 17g/kg.
Chronic Toxicity: There are no known serious chronic effects. This product has no known carcinogenic, mutagenic or teratogenic activity.

Section 12. Ecological Information

Ecotoxicology: There is a risk of fast reduction of dissolved oxygen, making the environment toxic to fish and other aquatic organisms, even at low concentrations.
Degradability: Readily biodegradable. DBO5 >95% (estimated). In running water, it can suffer complete degradation in a short time.
Bioaccumulation: It is not expected to bioaccumulate in the environment.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

Land Transport ANTT: Product not classified as hazardous in accordance with Resolution 420/2004 - Transport Ministry.

Maritime Transport IMDG: Product not classified as hazardous in accordance with IMDG Code - 2010 Edition - IMO (International Maritime Organization).

Air Transport ICAO-TI and IATA-DGR: Product not classified as hazardous in accordance with Dangerous Goods Regulations - 52nd Edition - IATA (International Air Transport Association).

Land Transport ADR/RID Cross-Border: Product not classified as hazardous in accordance with Dangerous Goods by Road - Applicable from January 1, 2011 - UNECE (United Nations Economic Commission for Europe).

Section 15. Regulatory Information

TSCA Registered: All components of this product are registered in the TSCA Inventory.

SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: This product does not contain any chemical components regulated under SARA Title III, Section 313.

HMIS Rating

Health: 1

Flammability: 1

Reactivity: 0

Personal Protection: Safety goggles and gloves

Section 16. Other Information

Disclaimer: 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.

REVISION DATE: 9/23/2015