

**SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING**

**PRODUCT IDENTIFIER**

Product Name	Cetostearyl Alcohol
INCI Name	Cetearyl Alcohol
Other Names	Cetyl Stearyl Alcohol
CAS Number	67762-27-0

**DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

Registered distributor company name	Pure Ingredients Ltd	Pure Nature
Address	626A Rosebank Road, Avondale 1026	626A Rosebank Road, Avondale 1026
Telephone	+64 9 813 5619	+64 9 813 9412
Website	www.pureingredients.co.nz	www.purenature.co.nz
Email	compliance@pureingredients.co.nz	info@purenature.co.nz

**EMERGENCY TELEPHONE NUMBER**

Association / Organisation	0800 CHEMCALL / 0800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

**SECTION 2 HAZARDS IDENTIFICATION**

GHS / HSNO Hazard Classification	Nil
Hazard Nature	This product is not classified as hazardous under HSNO criteria
Pictogram(s)	Nil
Signal Word	Nil
Hazard Statement(s)	Nil
Prevention Statements(s)	Avoid generating excessive dust. Do not breathe dust. If in contact with eyes, rinse thoroughly.
Response Statement(s)	Nil
Storage Statement(s)	Nil
Disposal Statement(s)	Nil

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

CAS No.	% [weight/volume]	INCI Name
67762-27-0	≥ 98	Cetearyl Alcohol

**SECTION 4 FIRST AID MEASURES**

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

Swallowed	Rinse mouth. Give plenty of water to drink. First aid is not generally required. If unwell or in doubt, contact the Poison Centre (0800 764 766) or a doctor.
Eye	If this product comes in contact with eyes wash out immediately with water. If irritation continues, seek medical attention.
Skin	If skin or hair contact occurs flush skin and hair with running water (and soap if available). Seek medical attention in the event of irritation.
Inhaled	Remove to fresh air. Encourage patient to blow nose to ensure clear passage of breathing. Other measures are usually unnecessary. If symptoms persist, call a doctor.

**SECTION 5 FIREFIGHTING MEASURES**

Extinguishing media	In case of fire, use appropriate extinguishing media most suitable for surrounding fire conditions: water spray, dry powder, foam, carbon dioxide (CO2).
Fire fighting	Alert Fire Brigade and tell them location and nature of hazard. Clear fire area of all non-emergency personnel. Stay upwind. Eliminate ignition sources. Wear breathing apparatus plus protective gloves. Prevent, by any means available, spillage from entering drains or water courses. Use firefighting procedures suitable for surrounding area. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Equipment should be thoroughly decontaminated after use.

**SECTION 5 FIREFIGHTING MEASURES**

Fire/explosion hazard	Combustible solid. Slight fire hazard when exposed to heat or flame. Nature of decomposition products is not known. The main asphyxiants of combustion of organic material are carbon monoxide and carbon dioxide as well as low oxygen levels. May emit acrid smoke.
Fire incompatibility	Avoid contamination with strong oxidising agents as ignition may result.
Personal protective equipment	Firefighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots and gloves).

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Only fully trained personnel should be involved in handling chemicals.

Spill response	Increase ventilation. Move upwind. Evacuate all unnecessary personnel. Eliminate all sources of ignition. Personnel involved in the clean-up should wear full protective clothing. Spilled material may be slippery, so don't walk through the spill. Stop leak if safe to do so. Use spark-proof tools and equipment. Sweep up or vacuum up (consider explosion-proof machines designed to be grounded during use). Collect in a labelled chemical waste container and seal for disposal. Do NOT let product reach drains or waterways. If a significant amount does enter a waterway advise your local waste authority. Wash spill area with plenty of water after removal of contaminant.
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**SECTION 7 HANDLING AND STORAGE**

Procedure for handling	Use good occupational work practice. Avoid contact with skin and eyes. Avoid contact with incompatible materials. Avoid all ignition sources. Avoid sources of heat. Avoid physical damage to containers. Handle and open container with care. Use in a well-ventilated area. Always wash hands with soap and water after handling or if accidental exposure occurs. Work clothes should be laundered separately. Ensure an eye bath and safety shower are available and ready for use. Observe good personal hygiene practices. Do not eat, drink or smoke when using this product.
Suitable packaging	Original packaging. Woven PE bag with inner liner. Plastic drum. Check all containers are clearly labelled and free from leaks.
Storage incompatibility	Avoid storage with strong oxidisers and strong acids.
Storage requirements	Store in original packaging. Keep containers securely sealed. No smoking, naked lights or ignition sources. Store in a cool, dry, well-ventilated area, out of direct sunlight. Store away from incompatible materials and foodstuffs. Protect containers against physical damage and check regularly for leaks.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure controls	No exposure limits set for Cetostearyl Alcohol by WorkSafe New Zealand or Safe Work Australia.
Engineering controls – ventilation system	Local ventilation should be used where product is heated, to remove vapours.
Personal Protective Equipment	Personal respirator: Respirators are not required, however, if in doubt, seek expert occupational hygiene advice. Skin protection: Wear impervious protective clothing, including covered shoes, nitrile rubber gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Eye protection: Use chemical safety glasses. Maintain eye wash fountain and quick-drench facilities in work area.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	White/colourless solid or pastilles	Boiling range	300 – 360°C
State	Solid	Solubility in water	Insoluble
Odour	Odourless	Bulk density (60°C)	~0.8 g/cm <sup>3</sup>
Melting range	43 – 53°C	Flash point	~180°C

**SECTION 10 STABILITY AND REACTIVITY**

Chemical stability	Product is stable under normal conditions of use, storage and temperature.
Conditions to avoid	Avoid excessive heat, direct sunlight, static discharges, moisture, and temperature extremes. Keep containers dry and tightly closed to avoid moisture absorption and contamination.
Incompatible materials	Incompatible with strong oxidizing agents, strong acids and sources of ignition.
Hazardous decomposition products	Thermal decomposition can lead to release of carbon oxides.
Hazardous reactions	Hazardous polymerization will not occur.

**SECTION 11 TOXICOLOGICAL INFORMATION**

Acute health effects	Swallowed – Ingestion may result in nausea, abdominal irritation, pain and vomiting. Eye – May cause mild discomfort to the eye. Aliphatic alcohols of chain lengths over 12 have been shown to have minimal eye irritation potential. Skin - The material may cause skin irritation after prolonged or repeated exposure and may produce on contact skin redness, itching and rash. Aliphatic alcohols of chain lengths from 12-16 have been shown to have low skin irritation potential. Inhaled - Not normally a hazard due to non-volatile nature of product. The vapour from heated material is discomforting to the upper respiratory tract and lungs if inhaled.
Chronic health effects	No effects known.

**SECTION 11 TOXICOLOGICAL INFORMATION**

Toxicity	Acute Oral Toxicity, Rat, LD50: >5000 mg/kg Acute Dermal Toxicity, LD50: No data available. Acute Inhalation Toxicity, LC50: No data available.
Irritation/corrosion	Skin: Not classified. Eyes: Not classified.
Carcinogenic effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
Mutagenic effects	Not classified.
Reproductive or developmental effects	Not available.
Aspiration hazard	Not classified.
Specific target organ toxicity	No data available.
Sensitisation (respiratory/contact)	Not classified.

**SECTION 12 ECOLOGICAL INFORMATION**

Ecotoxicity	Not expected to be a hazard in the environment.
Ecotoxicity data	Fish, 96h LC50: >10-100 mg/L Crustacean: No data available. Algae: No data available.
Persistence and degradability	Readily and rapidly degradable.
Mobility	Insoluble in water, so mobility is low.
Bioaccumulation	No data available.
BOD and COD	No data available.
Products of biodegradation	No data available.
Toxicity of the products of biodegradation	No data available.

**SECTION 13 DISPOSAL CONSIDERATION**

Recycle wherever possible.

Consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.

Dispose of by: Burial in a licensed landfill or incineration in a licensed apparatus (after admixture with suitable combustible material).

Empty contaminated packaging should be taken for local recycling, recovery or waste disposal.

**SECTION 14 TRANSPORT INFORMATION**

	Land Transport	Sea Transport (IMDG)	Air Transport (IATA)
UN number	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	Nil	Nil	Nil
Transport hazard class(es)	Nil	Nil	Nil
Packing group	Nil	Nil	Nil
Environmental hazards	Nil	Nil	Nil

**SECTION 15 REGULATORY INFORMATION**

Non-hazardous.

Controls applying to this substance are:

None, not hazardous.

Cetyl Stearyl alcohol (CAS 67762-27-0) is found on the following inventories:  
 NZIoC, CCID, AIIC, TSCA, DSL, EINECS

**SECTION 16 OTHER INFORMATION**

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: supplier's SDS.

Version: 00 Revision Date: 27/06/2017: PIL New issue

Version: 01 Revision Date: 04/05/2020: PIL SDS Change of address - no changes to SDS.

Version: 02 Revision Date: 02/10/2020: as per EPA

Version: 03 Revision Date: 28/01/2022: PIL – SA082 14042021