

MATERIAL SAFETY DATA SHEET

THE HALLSTAR COMPANY

Section 1 - Identification of Substance and Company

Product Name: HALLSTAR®CO-1695 CETYL ALC NF **Product Code:** 0176
Chemical Name: 1-Hexadecanol

Supplier: The HallStar Company ⁽¹⁾ **HMIS**
120 S. Riverside Plaza Suite 1620 Health: 1
Chicago, IL 60606 Flammability: 0
USA Reactivity: 0
Gloves & Safety Glasses

Information: (908) 852-6128
Emergency: CHEMTREC - (800) 424-9300

Section 2 - Information on Ingredients

<u>Chemical Name</u>	<u>CAS#</u>
1-Hexadecanol	36653-82-4

Section 3 - Hazard Identification

Appearance/Odor: White waxy solid, flake, or pastille. Mild soapy odor.

Potential Health Effects

Skin Contact: Prolonged exposure may cause slight transient irritation. Heated product may cause thermal burns if contacted.

Eye Contact: May produce a mild but transient irritation.

Ingestion: May cause gastrointestinal irritation.

Inhalation: No harmful effects, dusting may result in slight irritation.

Section 4 - First Aid Measures

Skin Contact: Wash affected skin with soap and water. Seek medical attention if symptoms persist.

Eye Contact: Flush eyes with large amounts of water with soap for at least 15 minutes. If irritation persists, consult a physician.

Ingestion: If swallowed, consult a physician immediately.

Inhalation: Avoid breathing dust. Person should be moved to a fresh air environment.

Section 5 - Explosion and Fire-Fighting Measures

Extinguishing Media: Foam, CO2 or dry chemicals.

Special Fire-Fighting Procedures: A MSHA/NIOSH approved self-contained breathing apparatus should be worn.

Unusual Fire and Explosion Hazards: Potential combustible dust if flaked or powdered. Dust generated from flaked product will be combustible at sufficient concentration.

Section 6 - Accidental Release/Spill Procedures

Steps to be Taken in Case Material is Released or Spilled: Ventilate area and eliminate all ignition sources. Dike and contain the spill with inert material (i.e., sand, earth, sawdust) and transfer liquid and solid diking material to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

Section 7 - Handling and Storage

Handling: Handle in accordance with good industrial hygiene practices. Keep away from heat, sparks or open flames.

Storage: Store in a cool and dry place in full and tightly closed containers. Suitable for storing in most common vessels including stainless-steel, zinc-type spray-on linings, flaked polyester lining.

Section 8 - Personal Protection

ACGIH Threshold Limit Value (TLV): None

OSHA Permissible Exposure Limit (PEL): None

Hand Protection: Rubber gloves
Respiratory Protection: Appropriate NIOSH/MSHA approved respirator if dust generated.
Eye Protection: Safety glasses
Engineering Measures: For normal operation, local exhaust ventilation should suffice. Direct exhaust when material becomes heated and fumes are given off.
Other: Eyewash facility in vicinity.

Section 9 - Physical and Chemical Properties

Boiling Point:	248.9°C	Specific Gravity:	N/A
Flash Point (PMCC):	160°C	Melting Point:	47-50°C
Solubility:	N/A	pH:	N/A
Appearance and Odor:	White waxy solid, flake, or pastille. Mild soapy odor.		

Section 10 - Stability and Reactivity

Stability: This product is stable under normal conditions.
Conditions to Avoid: Strong oxidizing agents.
Hazardous Decomposition: Does not decompose up to 400°F. Complete combustion forms carbon dioxide and water vapor. Partial combustion forms also carbon monoxide, soot, aldehydes and ketones.
Hazardous Polymerization: Will not occur under normal circumstances.

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Section 11 - Toxicological Information

Acute Oral Toxicity: Practically nontoxic - LD₅₀ (rats): >20g/kg
Eye Irritation: Non-Hazardous – Mild transient eye irritation with rabbits. The degree and duration of irritation elicited by the undiluted, powdered fatty alcohol was equivalent to or less than that produced by a 10% aqueous solution of real soap.
Skin Effects-Human: Non-Hazardous – 30% in isopropanol produced little or no primary skin irritation with human subjects in a 24-hour closed patch test. The degree of irritation elicited was less than that produced by a 4% aqueous solution of real soap.

Section 12 - Ecological Information

Ecotoxicity: 5 day Fathead Minnow (*Pimephales promelas*) – effect concentration: >500 mg/L
96 hour – LC50 Bluefill Sunfish (*Lepomis Macrochirus*) – effect concentration: >1000 mg/L

Section 13 - Disposal Considerations

Waste Disposal Methods: Material should be disposed of in accordance to current local, state and national regulations. Contacting a waste disposal service is recommended.

Section 14 - Transport Information

Not classified as hazardous according to the Department of Transportation.

Section 15 - Regulatory Information

Toxic Substances Control Act (TSCA): This product is listed on the TSCA Inventory.
Domestic Substance List (DSL): This product is listed on the DSL inventory of Canada.
Australian Inventory of Chemical Substances (AICS): This product is listed on AICS Inventory of Australia.
European Inventory of Existing Chemical Substances (EINECS): This product is listed on the EINECS inventory of Europe.

Superfund Amendments and Reauthorization Act (SARA): This product has the following hazards as defined in Section 311/312 of 40 CFR Part 372:

Hazards
None

This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

Ingredients
None

California Proposition 65: This product contains the following substances known to the State of California to cause cancer, birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986:

Ingredients
None

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Section 16 - Other Information

EU Safety and Risk Phrases: There are no R and S phrases for this material. This material is not classified as dangerous according to 1999/45/EC.

Prepared By: DCU

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All information is presented in good faith using available information. The HallStar Company makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment.

⁽¹⁾ Affiliated companies include RTD*HallStar Company, HallStar Solutions Corp., Ester Solutions Company, Memphis Solutions Company and Marine Magnesium & Minerals Company.