



Section 1. Product and Company Identification

Product Name Myristyl Alcohol
CAS Number 112-72-1

Parchem - fine & specialty chemicals
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Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Eye irritation (Category 2A), H319
Acute aquatic toxicity (Category 2), H401
Chronic aquatic toxicity (Category 1), H410

GHS Label Elements

Pictograms:



Signal word: Warning

Hazard and precautionary statements

Hazard statement(s)

H319 Causes serious eye irritation.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/ eye protection/ face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P391 Collect spillage.
P501 Dispose of contents/ container to an approved waste disposal plant.



Section 3. Composition / Information on Ingredients

Common Name Myristyl Alcohol
Synonym(s) 1-Tetradecanol
CAS Number 112-17-1

COMPONENT	CAS NUMBER	CONCENTRATION
Myristyl Alcohol	112-17-1	100%

Section 4. First Aid Measures

After inhalation: Immediately remove victim to fresh air. If breathing has stopped, administer artificial respiration. Seek medical attention immediately.

After skin contact: Wash thoroughly with soap and water.

After eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not rub eyes; mechanical action may cause corneal damage. If adverse health effects develop seek medical attention.

After ingestion: Call a physician or poison control center immediately.

Section 5. Firefighting Measures

Flash point: 298° F (298° F) ASTM D 92-97; QP1363.2; Flash and Fire Points by Cleveland Open

Suitable extinguishing media: Water spray Foam Carbon dioxide Dry chemical

Unusual fire or explosion hazards: None known

Hazardous combustion products: Carbon dioxide. carbon monoxide

Additional firefighting advice: In case of fire, keep containers cool with water spray. If a spill or leak has not ignited, use water spray to disperse the vapors. Water spray may be used to flush spills away from fire.

Section 6. Accidental Release Measures

Process for cleaning and take-up: Pick up spilled material and containerize for recovery or disposal. Vacuum area or flush with water to remove residues.

Section 7. Handling and Storage

Handling advice: Avoid the formation and buildup of dust - danger of dust explosion.



Section 8. Exposure Controls / Personal Protection

Indication for system design: Local exhaust ventilation recommended.

Personal protection measures:

Respiratory protection: Not applicable with adequate ventilation.

Hand protection: Protective gloves made of rubber.

Eye protection: Safety glasses with side shields.

Section 9. Physical and Chemical Properties

Form: Solid

Odor: Fatty

Color(s): White

Melting point: 36 – 38°C (96.8 - 100.4°F)

Density: 0.820 g /cm³

Solubility in Water: Negligible (< 0.1%)

Section 10. Stability and Reactivity

Materials to avoid: Oxidizers, Bases, Strong Acids

Hazardous polymerization: Will not occur

Section 11. Toxicological Information

Acute oral toxicity: LD50 > 5000 mg/kg body weight (Literature)

Skin irritation: not irritating Method: OECD 404

Eye irritation: slightly irritating Method: Draize test

In vitro mutagenicity: not mutagenic (analogy)

Section 12. Ecological Information

Acute fish toxicity: LC50 > 100 mg product /l. Method: ISO 7346/2 (semistatic)

Acute bacterial toxicity: ECO > 100 mg product /l.

Ultimate biodegradation: Readily and rapidly degradable. All organic substances contained in the product achieve > 60% BOD/ COD or CO₂ liberation, or > 70% DOC reduction in tests for ease of degradability. Threshold values for readily degradable (e.g. to OECD method 301) are reached.



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

General information: Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR, CFR and TDG/DOT.

Section 15. Regulatory Information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR), and the MSDS contains all the information required by the CPR.

DSL Inventory Status: This product or all of its components are currently listed on the Domestic Substances List (DSL), as described under the Canadian Environmental Protection Act.

TSCA 12 (b) Components: None

SARA 313 Toxic Chemicals: None

SARA 302 Extremely Hazardous

Substances: None

CERCLA Hazardous Chemicals: None

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

WHMIS hazard class: None

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.

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