

MATERIAL SAFETY DATA SHEET

ELAN CHEMICAL COMPANY, INC

Date Printed: October 23, 2007
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1. Product /Company Identification

Product Name: **CINNAMYL ACETATE**

Manufacturer: Elan Chemical Co. Inc.
268 Doremus Ave.
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U.S.A.

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2. Composition/Information on Ingredient

Synonyms: Cinnamyl acetate
CAS Number: 103-54-8
FEMA: 2293
Molecular Formula: $C_{11}H_{12}O_2$ Molecular Weight: 176.22

3. Hazards Identification

Harmful by inhalation and if swallowed.
Irritant. Irritating to eyes, respiratory system and skin.

	<u>HMIS</u>	<u>NFPA</u>
Health	2	2
Flammability	1	1
Reactivity	0	0

4. First Aid Measures

Oral Exposure: If swallowed, wash out mouth with water provided person is conscious.
Call a physician immediately.

Inhalation Exposure: If inhaled, move to fresh air. If breathing is difficult, call a physician.

Skin Exposure: In case of contact, immediately wash skin with copious amounts of water for at least 15 minutes. Remove contaminated clothing. Wash skin with mild soap and water. Call a physician.

Eye Exposure: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Call a physician.

5. Fire Fighting Measures

Flammable Hazards: **NO**

Flash Point: 200° F (93.3°C)

Extinguishing Material: Water Spray
Carbon Dioxide
Dry Chemical Powder
Foam

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Fire Fighting Hazards: Emits toxic fumes under fire conditions. Combustible liquid. Avoid heat, sparks and open flame.

6. Accidental Release Measures

Personal Protection: Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

Clean up Methods: Cover with sand or vermiculite, pick up, keep in a closed container, and hold for waste disposal. Ventilate area and wash spill site after clean up is complete.

7. Handling and Storage Procedures

Handling: Do not breathe vapor. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling.

Storage: Keep container tightly closed. Store in a cool, dry place.

8. Exposure Controls/ PPE

Respiratory: At a minimum, workers should wear a NIOSH-approved full-face air-purifying respirator.

Eyes: Chemical Safety goggles

Skin: Chemical resistant gloves.

Ventilation: Mechanical exhaust required.

General Hygiene Measures: Wash contaminated clothing before reuse. Wash thoroughly after handling.

9. Physical/Chemical Properties

Appearance:	Colorless to pale yellow liquid
Odor:	Sweet, floral, balsamic odor.
Boiling Point:	265°C
Melting Point:	N/ A
Flash Point:	218 °F (103° C)
Vapor Density:	N/A
Specific Gravity:	1.050 – 1.054
Refractive Index:	1.539 - 1.543

10. Stability and Reactivity

Stability:	Stable
Materials to Avoid:	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products:	Carbon Monoxide, Carbon Dioxide. Fumes

11. Toxicological Information

Exposure Effects:

Skin Contact:	May cause skin irritation.
Skin Absorption:	May be harmful if absorbed through skin.
Eye Contact:	May cause eye irritation.
Inhalation:	May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.
Ingestion:	May be harmful if swallowed.

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

12. Ecological Information

No Data Available.

13. Disposal Considerations

Disposal:	This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Dispose of in accordance with local, state, and federal regulations.
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14. Transportation Information

Ground (DOT) & Air (IATA)

This substance is considered “non-hazardous” for air and ground transport.

15. Regulatory Information

EU Classification:

Symbol of Danger: Xi

Indication of Danger: Irritant.

R: 36

Risk Statements: Irritating to skin.

S: 26 36/37/39

Safety Statements: If case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

US Classification:

Indication of Danger: Irritant.

Risk Statements: Irritating to skin.

Safety Statements: If case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

16. Additional Information

This material safety data sheet is intended to meet the specific requirements of 29 CFR 1910.1200 and should be used accordingly. While the information has been obtained from sources believed to be accurate and reliable, no warranty, expressed or implied, can be made with regard to its completeness, correctness or accuracy. Any users or handlers of this product who are not under the direct control of Elan Chemical Co., Inc. are responsible for evaluating this information in light of their particular situation and are responsible for all losses, damages or expenses that result while this material is under their control. It is also the responsibility of the users and handlers to observe any and all laws and regulations (Federal, State and Local) concerning the transportation, use, handling, storage and disposal of this product.