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## MATERIAL SAFETY DATA SHEET

### CINNAMIC ALDEHYDE

#### 1. PRODUCT AND COMPANY IDENTIFICATION

Commercial Name : CINNAMIC ALDEHYDE  
Supplier Name & Address : Chemtex USA Inc.  
150 River Road, Suite G3B, Montville, NJ 07045-9441 USA.  
Tel # 973-335-2501; Fax # 973-335-2552  
Emergency Tel. Number : North America (US & Canada)  
1-(800) 255-3924 (CHEMTEL INC.). (24 HOURS)

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identification : 3-Phenyl-2-Propenal  
CAS : 104-55-2  
EINECS : 203-213-9  
FEMA : 2286  
CoE : 102

#### 3. HAZARDS IDENTIFICATION

See Label / Regulatory Information.

#### 4. FIRST-AID MEASURES

Eye Contact : Rinse immediately with plenty of water for 10 minutes at least.  
Contact a physician if symptoms persist.  
Skin Contact : Wash thoroughly with soap and water; flush with plenty of water.  
Take off spoilt clothes. Contact physician if symptoms persist.  
Ingestion : Wash the mouth with water; seek medical advice immediately.  
Inhalation : Remove from exposure site to fresh air and keep at rest. Obtain medical advice.  
Others : Take risk and safety phrases (section 15) into account.

#### 5. FIRE-FIGHTING MEASURES

Extinguishing Media Recommended : CO2, foam, dry chemicals.  
Non Recommended : Do not use direct water jet on burning material.  
Extinguishing Procedures : Closed containers may build up pressure at elevated temperatures.  
If possible, containers should be cooled with a water spray.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : Use individual protective equipment (waterproof boots, suitable protective clothing, and safety glasses). Prevent any contact with hot surfaces. Do not approach facing the wind.  
Environment Precautions : Keep away from drains, surface and groundwater and soil.  
Methods for Cleaning up : Contain spilled material. Cover with an inert, non-combustible, inorganic absorbent material, or sweep up, and remove to an approved disposal container. Avoid open flames or other sources of ignition.

## 7. HANDLING AND STORAGE

Precautions in Handling : Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

Storage Conditions : Store in cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Keep air contact to a minimum.

Fire Protection : Keep away from ignition sources and naked flame.

## 8. EXPOSURE CONTROL

Respiratory Protection : Avoid to breath directly on the product. Apply local ventilations when appropriate.

Ventilation : Ensure good ventilation of the work station.

Hand Protection : Avoid skin contact. Use chemical resistant gloves as needed.

Eye Protection : Use safety glasses.

Work / hygienic Practices : Wash hands with soap and water after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Odor : Strong, Sweet, Balsamic, Cinnamon Bark

Color : Yellow

Appearance : Clear Mobile Liquid

Flash Point (°C) : 71

Boiling Point (°C) : 251 (1013mbar)

Melting Point (°C) : -8

## 10. STABILITY AND REACTIVITY

Reactivity : It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

Decomposition : Carbon monoxide and unidentified organic compounds may be formed during combustion.

## 11. TOXICOLOGICAL INFORMATION

LD 50 ORAL/RAT (mg/Kg) : 2220

LD 50 DERMAL/RABBIT (mg/Kg) : > 1500

Remarks : Food and Cosmetics / Chemicals Toxicology, 22:923, 1984

## 12. ECOLOGICAL INFORMATION

Biodegradability : Not determined.

Precautions : Prevent contamination of soil, ground and surface water.

## 13. DISPOSAL CONSIDERATIONS

In accordance with local environmental laws. Avoid disposing into drainage systems and into the environment.

## 14. TRANSPORT REGULATIONS

	CLASS	PACK GROUP	UN-No.
Road (ADR/RID)	NR	-	-
AIR (IATA)	NR	-	-
SEA	NR	-	-



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## 15. REGULATORY INFORMATION

Hazards	---	---
Symbols	---	---
R. PHRASES	---	---
S. PHRASES	---	---

## 16. OTHER INFORMATION

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### **Disclaimer:**

Chemtex USA, Inc. provides the information contained herein in a good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose and take the responsibility for observing existing laws and regulations.