

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0

Section 1: IDENTIFICATION

Product Name: **Amyl Cinnamic Aldehyde C&T, Natural**
 Product Number: 0206100
 CAS No.: 122-40-7

Recommended Use: Flavorings

Manufacturer: Aurochemicals
 7 Nicoll Street
 Washingtonville, NY 10992 – USA
 845-496-6065
 845-496-6248 Fax

Emergency Telephone No.: 1-800-535-5053
 (International 1-352-323-3500 collect)

Section 2: HAZARD(s) IDENTIFICATION

OSHA Hazards Skin sensitiser, Irritant
 GHS Classification Acute toxicity, Oral (Category 5)
 Skin sensitisation (Category 1)
 Acute aquatic toxicity (Category 2)
 Chronic aquatic toxicity (Category 2)

GHS Label elements, including precautionary
 statements
 Pictogram



Signal Word:

Warning

Hazard Statement(s):

H303 May be harmful if swallowed
 H317 May cause an allergic skin reaction
 H411 Toxic to aquatic life with long lasting effects
 P273 Avoid release to the environment
 P280 Wear Protective Gloves

Precautionary Statement(s):

HMIS Classification

Health Hazard 2
 Flammability 1
 Physical Hazards 0

Potential Health Effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation
 Skin May be harmful if absorbed through skin. Causes skin irritation
 Eyes Causes eye irritation
 Ingestion May be harmful if swallowed

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Formula C₁₄H₁₈NO
Molecular Weight 202.29 g/mol
CAS # 122-40-7

Component	Concentration
a-Amylcinnamaldehyde	90-100%
CAS-No. 122-40-7	
EC-No. 204-541-5	

Section 4: FIRST AID MEASURES

General Advise: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Contact with eyes: Rinse thoroughly with plenty of water for at least 15 minutes as a precaution.

Contact with skin: Remove contaminated clothing. Rinse skin with cool water then wash with plenty of mild soap and warm water. Consult a physician.

Inhalation: Provide fresh air, Consult a physician.

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water, seek medical advice, show this container or label to attending physician.

Clothing contamination: Wash contaminated clothing before re-use.

Section 5: FIREFIGHTING MEASURES

Conditions of flammability Not flammable or combustible

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Special protective equipment for firefighters Wear self contained breathing apparatus for firefighting if necessary

Other Information Hazardous decomposition products formed under fire conditions – Carbon oxides.

Section 6: ACCIDENTIAL RELEASE MEASURES

Personal precautions Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe area

Environmental-protected measures Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Procedures for cleaning / absorption Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal

Ventilate area After sweep up, wash area and ventilate area well

Section 7: HANDLING AND STORAGE

Precautions for safe handling and storage.

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Recommended storage temperature 2-8°C
Air sensitive

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

Contains no substances with occupational exposure limit values

Personal Protective Equipment:

These recommendations are advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. They should not be construed as offering an approval for any specific use scenario.

Clothing protecting against chemicals should be selected specifically for the work place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier

Respiratory Protection:

Where risk assessment shows air-purifying respirators are appropriate use a full face respirator with multi-purpose combination (US) or type ABEK (EN1437) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full face supplied air respirator. Tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

Eye Protection:

Wear appropriate safety glasses with side shields. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Hand Protection:

Wear chemically resistant Nitrile rubber gloves 0.3 mm thick and use proper glove removal techniques to avoid skin contact with this product. Wash and dry hands after handling this product.

Industrial Hygiene:

Avoid contact with skin, eyes, and clothing. Handle in accordance with good industrial hygiene and safety practice. Wash contaminated clothing before reuse. Wash hands after working with product

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Pale Yellow
Odor:	Distinct floral (jasmine, lily)
Melting Point	<0°C
Boiling Point:	284-287°C
Flashpoint:	146°C
Auto Ignition temperature	231°C

Safety Data Sheet

Lower Explosion Limit	No data available
Upper Explosion Limit	No data available
Vapor Pressure:	0.1 hPa (0.1mmHg) at 50°C
Specific Gravity @ 25°C:	0.962-0.969
Solubility	Insoluble in water; miscible in alcohol

Section 10: STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions
Possibility of Hazardous reactions	No data available
Conditions to avoid	Heat, Flame, Sparks
Materials to avoid	Strong Bases, Strong Oxidizing Agents
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions-Carbon oxides.

Section 11: TOXICOLOGICAL INFORMATION

LD50, Oral Rat	3,730 mg/kg Remarks: Sense Organs and Special Senses (Nose, Eye, Ear and Taste) Eye; Other. Behavioral: Somnolence (general depressed activity). Sense Organ
LC50 Inhalation	No data available
LD50 Dermal –Rabbit	>2,000 mg/kg
Further toxicological information	No data available
Skin corrosion / irritation	Human – No skin irritation
Serious eye damage / eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	Genotoxicity in vitro- Not mutagenic in Ames Test
Carcinogenicity	
	IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
	NTP No component of this product, present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
	OSHA No component of this product, present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	No data available
Specific target organ toxicity-Single Exposure (GHS)	No data available
Specific target organ toxicity-Repeated Exposure (GHS)	No data available
Aspiration hazard	No data available

Potential health effects	Inhalation May be harmful if inhaled. May cause respiratory tract irritation Ingestion May be harmful if swallowed Skin May be harmful if absorbed through skin. May cause skin irritation Eyes May cause eye irritation
Synergistic effects	No data available
RTECS	GD6825000
Signs and Symptoms of exposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

Section 12: ECOLOGICAL INFORMATION

Toxicity To Fish:	LC50 Danio rerio (zebra fish) – 3 mg/l-96h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	EC50-Algae – 1.89 mg/l - 72
Persistence and degradability	Biodegradability Result- Readily biodegradable. Method: OECD Test Guideline 301B
Other adverse effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects

Section 13: DISPOSAL CONSIDERATIONS

Product:	According to local regulations
Packaging:	According to local regulations

Section 14: TRANSPORT INFORMATION

DOT (US)	Not dangerous goods
IMDG Proper Shipping Name	UN Number 3082 Class 9 Packing Group III EMS-F-A, S-F ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S. (a- amylcinnamaldehyde)
Marine Pollutant	Marine Pollutant
IATA Proper Shipping Name	UN Number 3082 Class 9 Packing Group III Environmentally hazardous substance liquid, n.o.s. (a- amylcinnamaldehyde)
Further Information	EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods >5L for liquids, or >5 kg for solids

Section 15: REGULATORY INFORMATION

OSHA Hazards	Skin Sensitiser, Irritant		
SARA 302	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302		
SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313		
SARA 311/312 Hazards	Acute health hazard		
Massachusetts Right to Know Components	No components are subject to the Massachusetts Right to Know Act		
Pennsylvania Right to Know Components	a-Amylcinnamaldehyde	CAS # 122-40-7	Rev. Date:
New Jersey Right to Know Components	a-Amylcinnamaldehyde	CAS # 122-40-7	Rev. Date:
California Prop. 65 Components	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm		

Section 16: OTHER INFORMATION

Aurochemicals provides the information contained herein in 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. Aurochemicals makes no representations or warranties, either expressed or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Aurochemicals will not be responsible, nor held liable, for damages resulting from use of or reliance upon this information.

Issued by:	Contact Person:
Aurochemicals	Deo N. Persaud
7 Nicoll Street	Revised Date: 8/5/2022
Washingtonville, NY 10992 USA	