

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0

## Section 1: IDENTIFICATION

Product Name: **CARVACROL, Natural**  
 Product Number: **0224500**  
 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 Harmful by ingestion, corrosive  
 GHS Classification Acute toxicity, Oral (Category 4)  
 Skin irritation (Category 1B)  
 Serious Eye Damage (Category 1)

GHS Label elements, including precautionary statements

Pictogram 

Signal Word: Danger

Hazard Statement(s): H302 Harmful if swallowed  
 H314 Causes severe skin burns and eye damage

Precautionary Statement(s): P280 Wear protective gloves/protective clothing; 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.  
 P310 Immediately call a POISON CENTER or physician

Hazards not otherwise classified (HNOC) or not covered by GHS None

HMIS Classification Health Hazard 3  
 Flammability 1  
 Physical Hazards 0

Hazards not otherwise classified (HNOC) or not covered by GHS. None

Potential Health Effects  
 Inhalation May be harmful if inhaled. Material is extremely destructive to the tissue of the **mucus**

**membranes and upper respiratory tract**  
 Skin Harmful if absorbed through skin. Causes skin burns  
 Eyes Causes eye burns  
 Ingestion Harmful if swallowed

## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms 5-Isopropyl-2-methylphenol  
 Formula  $C_{10}H_{14}O$   
 Molecular Weight 150.22 g/mol  
 CAS # 499-75-2  
 EC# 207-889-6

Component	Classification	Concentration
Carvacrol	Acute Toxicity, Oral (Category 4) Skin Corrosion (Category 1B) Serious Eye Damage (Category 1)	-
Chemical Name	Carvacrol	

## 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 and seek medical advice. Continue rinsing eyes during transport to hospital.

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: Remove person to 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.
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	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Take precautionary measures against static discharges. Keep away from sources of ignition. When handling this product, do not eat or drink.
Conditions for safe storage	Keep container tightly closed in a dry and well-ventilated place. Keep away from sources of ignition.- No Smoking -. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Handle and store under inert gas. Air and moisture sensitive.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:	Contains no substances with occupational exposure limit values.
Personal Protective Equipment:	<b>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.</b>
Body Protection:	Complete suit 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 respirator cartridges as a back up to engineering controls. If the respirator is the sole means of protection, use a full face supplied air respirator and components, tested and approved by NIOSH (US) or CEN (EU).
Eye Protection:	Wear tightly fitting safety goggles. Face shield (8 inch minimum). 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 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:	Colorless to yellow liquid
Odor:	Characteristic warm, pungent

# Safety Data Sheet

Melting Point	No data available
Boiling Point:	238°C
Flashpoint:	106°C
Ignition temperature	No data available
Lower Explosion Limit	No data available
Upper Explosion Limit	No data available
Vapor Pressure:	No data available
Specific Gravity @ 20°C:	0.968-0.991
Solubility	Soluble in alcohol (1 mL in 4mL 60% alcohol gives clear solution) and ether; Insoluble in water

## Section 10: STABILITY AND REACTIVITY

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

## Section 11: TOXICOLOGICAL INFORMATION

LD50, Oral Rat	810 mg/kg
LC50 Inhalation Rat	No data available
LD50 Dermal Rabbit	No data available
Further toxicological information	After inhalation; irritation of the mucous membranes, coughing and dyspnoea. After skin and eye contact: Burns Rabbit – Severe skin irritation 24 h
Skin corrosion / irritation	No data available
Serious eye damage / eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
<b>Carcinogenicity</b>	
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.
ACGIH	No component of this product, present at levels greater than or equal to 0.1% is identified as a carcinogen by ACGIH.
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)	Inhalation – May cause respiratory irritation
Specific target organ toxicity-Repeated Exposure (GHS)	No data available
Aspiration hazard	No data available
Potential health effects	Inhalation May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract Ingestion Harmful if swallowed Skin May be harmful if absorbed through skin. Causes skin burns

Eyes Causes eye burns

Signs and Symptoms of Exposure

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Cough, Shortness of breath, Headache, Nausea

Synergistic effects  
RTECS

No data available  
F11225000

## Section 12: ECOLOGICAL INFORMATION

Toxicity	No data available
Behavior in environmental compartments	Distribution: log P (Oct) 3.49
Further ecological data	Do not allow to enter water, drain, or soil

## Section 13: DISPOSAL CONSIDERATIONS

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

## Section 14: TRANSPORT INFORMATION

<b>DOT (US)</b>	UN 3265 Class 8 Packing Group III
Proper shipping name	Corrosive liquid, acidic, organic, n.o.s. (Carvacrol)
Reportable Quantity (RQ)	No
Marine Pollutant	No
Poison inhalation hazard	No
<b>IMDG</b>	UN 3265 Class 8 Packing Group III EMS-No: F-A, S-B
Proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (CARVACROL)
Marine Pollutant	No
<b>IATA</b>	UN 3265 Class 8 Packing Group III
Proper shipping name	Corrosive liquid, acidic, organic, n.o.s. (Carvacrol)

## Section 15: REGULATORY INFORMATION

OSHA Hazards SARA 302	Harmful by ingestion, Corrosive 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	Carvacrol CAS # 499-75-2 Rev. Date:

# Safety Data Sheet



New Jersey Right to Know Components

Carvacrol

CAS # 499-75-2

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.

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