

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product identifiers

Product Name	Para Cymene, Nat
Product Number	0235600
CAS-No.	99-87-6

### 1.2 Product Recommended Use

Flavorings

### 1.3 Preparation Information

Company	Aurochemicals 7 Nicoll Street Washingtonville, NY 10992
Telephone	845-496-6065
Fax	845-496-6248

### 1.4 Emergency Telephone Number

1-800-535-5053  
International - 1-352-323-3500 collect

## Section 2: HAZARD(s) IDENTIFICATION

### 2.1 Classification of substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable Liquids (Category 3), H226  
Skin irritation (Category 2), H315  
Eye irritation (Category 2A), H319  
Specific Target Organ Toxicity-Single exposure (Category 3) Respiratory system, H335  
Skin Corrosion (Category 1B), H314  
Acute aquatic toxicity (Category 3) H402  
Chronic aquatic toxicity (Category 3) H412

### 2.2 GHS Label Elements, Including precautionary statements

Pictogram



Signal Statement

**DANGER**

Hazard Statement(s)

H226 Flammable liquid and vapor  
H315 Causes skin irritation  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation  
H412 Harmful to aquatic life with long lasting effects

Precautionary Statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces –No smoking Keep container tightly closed  
P233

- P240 Ground/bond container and receiving equipment  
 P241 Use explosion-proof electrical/ventilating/lighting/equipment  
 P242 Use only non-sparking tools  
 P243 Take precautionary measures against static discharge  
 P261 Avoid breathing dust/fume/gas/mist/vapors/spray  
 P264 Wash skin thoroughly after handling  
 P271 Use only outdoors or in well-ventilating area  
 P273 Avoid release into the environment  
 P280 Wear protective gloves/protective clothing/eye protection/face protection  
 P303+P361+P353 IF ON SKIN (or hair) Remove/Take Off immediately all contaminated clothing. Rinse skin with water/shower  
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 P305+P351+P338 IF IN EYES: Remove cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P312 Call a POISON CENTER or doctor/physician if you feel unwell  
 P332+P313 If skin irritation occurs: Get medical advice/attention  
 P337+P313 If eye irritation occurs: Get medical advice/attention  
 P362 Take off contaminated clothing and wash before reuse  
 P370+P378 In case of fire: Use dry sand, dry chemical or alcohol resistant foam for extinction  
 P403+P233 Store in a well ventilated place. Keep container tightly closed  
 P403+235 Store in a well ventilated place. Keep cool  
 P405 Store locked up  
 P501 Dispose of contents/container to an approved waste disposal plant

### 2.3 HNOC (Hazards not otherwise classified or not covered by GHS – May form explosive peroxides)

## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

Synonyms	1-Isopropyl-4-methylbenzene 4-Isopropyltoluene
Formula	C <sub>10</sub> H <sub>14</sub>
Molecular Weight	134.22 g/mol
CAS-No	99-87-6
EC-No.	202-796-7

### Hazardous Components

Component	Classification	Concentration
p-Cymene	Flammable Liquid (3)H226	
	Skin Irritant (2) H315	
	Eye Irritant (2A) H319	
	STOT SE (3) H335	
	Aquatic Acute (3) H402	
	Aquatic Chronic (3) H412	
	Aquatic Acute (3) H402	
	Chronic Aquatic (3) H412	

## Section 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

General advice	Consult physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area
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Inhalation	Provide fresh air; keep at rest and at a comfortable position to breathe. Consult a physician
Contact with skin:	Remove contaminated clothing. Rinse skin with cool water then wash with mild soap and warm water and contact a physician.
Contact with eyes:	Rinse thoroughly with plenty of water for at least 15 as a precaution.
Ingestion	DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Clothing contamination:	Remove contaminated clothing and wash before reuse.
<b>4.2 Most important symptoms and effects both acute and delayed</b>	See section 2.2 and or section 11.
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	No data available

## Section 5: FIREFIGHTING MEASURES

<b>5.1 Extinguishing Media</b> Suitable Extinguishing Media	For small (incipient) fires, use media such as alcohol foam, dry chemical or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities of water (flooding) applied as a mist or spray. Solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.
<b>5.2 Special hazards arising from the substance or mixture</b>	Carbon oxides
<b>5.3 Advice for fire fighters</b>	Wear self contained breathing apparatus for firefighting if necessary. Emits toxic fumes under fire conditions
<b>5.4 Further information</b>	Cool all affected containers with flooding quantities of water.

## Section 6: ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe area.
<b>6.2 Environment precautions</b>	Prevent further leakage or spillage if safe to do so. Do not allow to enter drains or sewage system.
<b>6.3 Methods and materials for containment and clean up</b>	Contain spillage. Soak up with absorbent material. Sweep up with broom and shovel. Place in a suitable, closed container for disposal.
<b>6.4 Specific end use(s)</b>	Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

## Section 7: HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition.- No smoking. Take measures to avoid the build-up of electrostatic charge.
<b>7.2 Conditions for Safe storage</b>	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.
<b>7.3 Specific End use(s)</b>	Flavorings

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	Components no substance with workplace control parameters Contains no substances with occupational exposure limit values
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## 8.2 Exposure Controls

Appropriate Engineering Controls Handle in accordance with good industrial hygiene and safety practices. Wash hands before breaks and at the end of the day.

### 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.

Eye/face protection Wear appropriate tightly fitting safety goggles with face shield (8 in min). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection Wear chemically resistant, Fluorinated rubber gloves, 0.7mm when handling this product. Use proper glove removal techniques (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use. Wash and dry hands.

Body protection Impervious clothing of flame retardant, antistatic material, 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 (EN 14387) 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. Use respirators and components tested and approved under appropriate governmental standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

a	Appearance	Liquid Colorless to Pale Yellow
b	Odor	Citrusy, reminiscent of lemon
c	Odor Threshold	No data available
d	pH	No data available
e	Melting Point /Freezing Point	No data available
f	Boiling Point	176-178°C
g	Flash Point	47.0°C closed cup
h	Evaporation Rate	No data available
i	Flammability (Solid, Gas)	No data available
j	Upper/lower Flammability Limit	Upper explosion limit: 5.6% Lower explosion limit: 0.7%
k	Vapor pressure	No data available
l	Vapor density	No data available
m	Relative density at 25°C	0.853-0.859
n	Solubility	Insoluble in water, oil and ethanol
o	Partition coefficient: n-octanol/water	No data available

p	Auto-ignition Temp.	436.0°C
q	Decomposition Temp,	No data available
r	Viscosity	No data available
s	Explosive properties	No data available
t	Oxidizing properties	No data available

9.2 Other Safety Information No data available

## Section 10: STABILITY AND REACTIVITY

10.1	Reactivity	No data available
10.2	Chemical Stability	Stable under recommended storage conditions
10.3	Possibility of Hazardous reactions	No data available
10.4	Conditions to avoid	Heat, Flames and sparks.
10.5	Incompatible materials	Strong oxidizing agents
10.6	Hazardous decomposition products	No data available
10.7	Further Information	No data available

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute Toxicity

LD50-Oral-Rat

4,750 mg/kg

**Remarks:** Sense Organs and Special Senses: (Nose, Ear, Eye and Taste)

Eye: Chromodacyorrhea

Behavioral: Somnolence (General depressed activity) Diarrhea.

LC50-Inhalation

No data available

LD50-Dermal

No data available

Skin corrosion/irritation

Rabbit

Results: Skin irritation 24 h

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ Cell mutagenicity

No data available

#### Carcinogenicity

IARC

No component of this product, present 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 or potential 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

Teratogenicity

No data available

Specific target organ toxicity-single exposure (GHS)

**Inhalation – May cause respiratory irritation**

Specific target organ toxicity-repeated

No data available

exposures (GHS)	No data available
Aspiration Hazards	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated
Signs and Symptoms of Exposure	
Synergistic effect	No data available
RTECS:	GZ5950000

## Section 12: ECOLOGICAL INFORMATION

12.1 Toxicity	<p><b>To Daphnia and other aquatic invertebrates –</b> EC50 – Daphnia magna (Water Flea) -6.5mg/l 48 h</p> <p><b>To Fish:</b> LC50 – Cyprinodon variegatus (sheepshead minnow) – 48 mg/l – 96h NOEC- Cyprinodon variegatus (sheepshead minnow) 10 mg/l – 96h</p>
12.2 Persistence and degradability	No data available
12.3 Bioaccumulative potential	No data available
12.4 Mobility in soil	No data available
12.5 Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required / not conducted
12.6 Other adverse effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. <b>Harmful to aquatic life</b>

## Section 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods	
Product:	According to local regulations
Packaging	According to local regulations

## Section 14: TRANSPORT INFORMATION

<b>DOT (US)</b>	UN-Number: 2046	Class: 3	Packing Group: III
Proper shipping name:	Cymenes		
Marine Pollutant:	No		
Poison Inhalation Hazard:	No		
<b>IMDG</b>	UN-Number: 2046	Class: 3	Packing Group: III
Proper shipping name:	Cymenes		
Marine Pollutant:	No		
<b>IATA</b>	UN-Number: 2046	Class: 3	Packing Group: III
Proper shipping name:	Cymenes		

## Section 15: REGULATORY INFORMATION

Reach No.	A registration number is not available for this substance as its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.
SARA 302 Components	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

# Safety Data Sheet

313.

SARA 311/312 Hazards	Fire Hazard, Acute health hazard		
Massachusetts Right to Know components	p-Cymene	CAS# 99-87-6	Rev. Date: 4/24/1993
Pennsylvania Right to Know components	p-Cymene	CAS# 99-87-6	Rev. Date: 4/24/1993
New Jersey Right to Know components	p-Cymene	CAS# 99-87-6	Rev. Date: 4/24/1993

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

### HMIS Rating

Health hazard    2  
Chronic Health Hazard  
Flammability    2  
Physical Hazard  0

### Further 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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