



## **MATERIAL SAFETY DATA SHEET (MSDS)**

According to OSHA HCS (29 CFR 1910.1200) / UN GHS

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### SECTION 1: IDENTIFICATION

Product Name: Oxanthia 50% in TEC

CAS: Mixture

Recommended Use:

Fragrance ingredient and flavour ingredient for manufacturing consumer products

Restriction:

Not for direct personal use in this concentration

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Supplier:

AROMOLOGY TRADING LLC

G15 Union Coop Mall

Nadd Al Hamar

Dubai, United Arab Emirates

Email: [info@aromology.com](mailto:info@aromology.com)

Website: [www.aromology.com](http://www.aromology.com)

Emergency Contact:

Local emergency services / Poison Control

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### SECTION 2: HAZARD IDENTIFICATION

GHS Classification

- Flammable Liquid – Category 4 (H227)
- Eye Irritation – Category 2B (H320)
- STOT SE 3 (H336 – Narcotic effects)
- Aquatic Acute – Category 3 (H402)
- Aquatic Chronic – Category 3 (H412)



Signal Word:

WARNING

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#### Hazard Statements

- H227 – Combustible liquid
  - H320 – Causes eye irritation
  - H336 – May cause drowsiness or dizziness
  - H402 – Harmful to aquatic life
  - H412 – Harmful to aquatic life with long lasting effects
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#### Precautionary Statements

- P210 – Keep away from heat/sparks/open flames
  - P261 – Avoid breathing vapours
  - P264 – Wash thoroughly after handling
  - P273 – Avoid release to the environment
  - P304 + P340 – IF INHALED: Move to fresh air
  - P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water
  - P370 + P378 – Use appropriate extinguishing media
  - P403 + P233 – Store in well-ventilated place
  - P501 – Dispose according to regulations
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### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS	Concentration
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1,3-Oxathiane, 2-Methyl-4-Propyl-, Cis-	59323-76-1	≥50 – <60%
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Remaining composition includes solvent (TEC) and proprietary components.



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#### SECTION 4: FIRST AID MEASURES

##### General:

Seek medical advice if exposed or unwell.

##### Inhalation:

Move to fresh air and keep comfortable.

##### Skin Contact:

Wash thoroughly with water. Remove contaminated clothing.

##### Eye Contact:

Rinse for at least 15 minutes. Seek medical advice if irritation persists.

##### Ingestion:

Rinse mouth, do NOT induce vomiting. Seek medical attention immediately.

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#### SECTION 5: FIRE-FIGHTING MEASURES

##### Extinguishing Media:

Foam, CO<sub>2</sub>, dry chemical

##### Hazards:

Combustible liquid. May release fumes

##### Protection:

Use self-contained breathing apparatus

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#### SECTION 6: ACCIDENTAL RELEASE MEASURES

- Eliminate ignition sources
  - Ensure ventilation
  - Avoid skin contact and inhalation
  - Absorb with inert material (sand, vermiculite)
  - Prevent environmental contamination
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## SECTION 7: HANDLING AND STORAGE

### Handling:

- Avoid contact with skin and eyes
- Avoid inhalation of vapours
- Use PPE
- Maintain ventilation

### Storage:

- Store in cool, well-ventilated place
  - Keep tightly closed
  - Keep away from ignition sources
  - Incompatible with oxidising agents
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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering Controls:

Ensure adequate ventilation

### PPE:

- Protective gloves
- Safety glasses
- Protective clothing

### Respiratory Protection:

Use respirator if ventilation insufficient

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
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Physical State	Liquid
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Property	Value
Colour	Colorless to pale yellow
Odour	Strong characteristic
Flash Point	171°F (77°C)
Boiling Point	205°C
Density	0.974 (20°C)
Log Pow	2.98
Auto-ignition	160°C

(From physical properties table page 5)

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#### SECTION 10: STABILITY AND REACTIVITY

- Stable under normal conditions
  - Avoid heat, sparks, and open flames
  - Avoid oxidising agents
  - No hazardous reactions expected
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#### SECTION 11: TOXICOLOGICAL INFORMATION

Parameter	Value
LD50 Oral (rat)	>2000 mg/kg
LC50 Inhalation	>4.87 mg/L
LD50 Dermal	>2000 mg/kg

Effects:

- Eye irritation
- Narcotic effects (drowsiness/dizziness)



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## SECTION 12: ECOLOGICAL INFORMATION

- Harmful to aquatic life with long lasting effects

### Ecotoxicity Data:

- LC50 Fish: 43 mg/L
- EC50 Daphnia: 72.378 mg/L
- EC50 Algae: 40 mg/L

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## SECTION 13: DISPOSAL CONSIDERATIONS

Dispose according to local regulations.

Do not release into environment or drainage systems.

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## SECTION 14: TRANSPORT INFORMATION

Mode	Details
DOT	NA1993 – Combustible liquid
Class	Combustible liquid
Packing Group	III
IMDG / IATA:	Not regulated

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## SECTION 15: REGULATORY INFORMATION

- All components listed on TSCA inventory
- Not subject to SARA 313 reporting

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## SECTION 16: OTHER INFORMATION

Full Hazard Statements:



A R O M O L O G Y

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