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## MATERIAL SAFETY DATA SHEET (MSDS)

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

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### YUZU ALDEHYDE

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#### SECTION 1: IDENTIFICATION

**Product Name:** Yuzu Aldehyde

**Reference Product:** Yuzuzest TEC SDS-8978

**CAS:** Mixture

**Recommended Use:**

Fragrance ingredient (industrial / professional use only)

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**Supplier:**

**AROMOLOGY**

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Nadd Al Hamar

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#### SECTION 2: HAZARD IDENTIFICATION

##### GHS Classification

- Flammable Liquid – Category 3
- Skin Irritation – Category 2
- Eye Irritation – Category 2A
- Skin Sensitisation – Category 1
- Aspiration Hazard – Category 1

**Signal Word:**

**DANGER**

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##### Hazard Statements



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- Flammable liquid and vapour
  - May be fatal if swallowed and enters airways
  - Causes skin irritation
  - May cause an allergic skin reaction
  - Causes serious eye irritation
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### **Precautionary Statements**

#### **Prevention**

- Keep away from heat, sparks, open flames – No smoking
- Keep container tightly closed
- Use explosion-proof equipment
- Use non-sparking tools
- Prevent static discharge
- Avoid breathing vapours
- Wash thoroughly after handling
- Wear protective gloves / eye / face protection

#### **Response**

- IF SWALLOWED: Immediately call POISON CENTER
- Do NOT induce vomiting
- IF ON SKIN: Remove contaminated clothing and rinse
- IF IN EYES: Rinse cautiously with water
- If irritation or rash occurs: Seek medical advice

#### **Fire**

- Use CO<sub>2</sub>, dry chemical, foam

#### **Storage & Disposal**

- Store in well-ventilated place
- Keep cool and locked up
- Dispose according to local regulations



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### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

This product is a **fragrance mixture**.

Specific chemical identities are withheld as **trade secrets** in accordance with OSHA regulations.

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### SECTION 4: FIRST AID MEASURES

**Inhalation:**

Remove to fresh air and keep at rest. Seek medical attention.

**Eye Contact:**

Rinse cautiously with water for several minutes.

**Skin Contact:**

Remove contaminated clothing and rinse skin thoroughly.

**Ingestion:**

Immediately call poison center. Do NOT induce vomiting.

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#### Key Symptoms

- Aspiration hazard
  - Skin irritation
  - Allergic skin reaction
  - Eye irritation
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### SECTION 5: FIRE-FIGHTING MEASURES

**Extinguishing Media:**

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

**Hazards:**

May release carbon monoxide and organic compounds

**Protection:**

Wear self-contained breathing apparatus

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

- Remove ignition sources



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- Ensure ventilation
- Avoid inhalation and contact
- Absorb with inert material
- Dispose according to regulations

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## SECTION 7: HANDLING AND STORAGE

### Handling:

Avoid heat, sparks, flames. Use non-sparking tools and proper grounding.

### Storage:

Store tightly closed in a cool, well-ventilated place.

Prevent static discharge.

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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits:

No established occupational exposure limits

### Engineering Controls:

Eyewash stations, ventilation systems

### PPE:

- Safety goggles
- Protective gloves
- Protective clothing

### Respiratory Protection:

Use NIOSH-approved respirator if required

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Physical State	Liquid
Appearance	Not specified
Odour	Not specified



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<b>Property</b>	<b>Value</b>
Flash Point	57.8 °C
Explosion Hazard	Not expected

(From physical properties section)

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#### **SECTION 10: STABILITY AND REACTIVITY**

- Stable under normal conditions
  - Avoid extreme heat
  - Avoid strong acids, alkalis, oxidising agents
  - No hazardous reactions expected
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#### **SECTION 11: TOXICOLOGICAL INFORMATION**

- Acute toxicity (oral & dermal): >5000 mg/kg
  - Skin irritation and sensitisation present
  - Eye irritation present
  - No classification for carcinogenicity or mutagenicity
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#### **SECTION 12: ECOLOGICAL INFORMATION**

- Very toxic to aquatic life with long lasting effects
  - No data on persistence or bioaccumulation
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#### **SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose in accordance with local regulations.  
Avoid release into environment or drainage systems.

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#### **SECTION 14: TRANSPORT INFORMATION**



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<b>Regulation</b>	<b>Details</b>
UN Number	UN1197
Proper Shipping Name	Extracts, Liquid
Class	3
Packing Group	III
✓ Marine pollutant (IMDG)	

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**SECTION 15: REGULATORY INFORMATION**

No additional regulatory requirements specified.

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**SECTION 16: OTHER INFORMATION**

This MSDS is based on supplier documentation and is believed to be accurate at time of preparation. No warranty expressed or implied.