

SAFETY DATA SHEET

Shanghai Huasheng Aromatic Chemical Co., Ltd.

ALDEHYDE C-16

Section 1. Product and Company Information

Product: ALDEHYDE C-16
Supplier: Shanghai Huasheng Aromatic Chemical Co., Ltd.
Add: Room 1101 Road, Xuhui District, No. 466, Building 3, 4th Floor Shanghai, China
Telephone No: +86-573-82611333
Email:

Section 2. Composition/Information of Ingredients

Product Name: ALDEHYDE C-16
Mol./Wt.: 206.24
Formula: C₁₂H₁₄O₃
CAS No.: 77-83-8
FEMA No.: 2444
EINECS: 201-061-8

Section 3. Hazards Identification

Classified according to chemical global unified classification and labels , tags and regulation.



Warning

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H401 Toxic to aquatic life.
P261 Avoid breathing dust/fume/ gas/mist/vapors/spray.

- P264** Wash thoroughly after handling.
- P272** Contaminated work clothing should not be allowed out of the workplace.
- P273** Avoid release to the environment.
- P280** Wear protective gloves/protective clothing/eye protection/face protection.
- P362** Take off contaminated clothing and wash before reuse.
- P501** Dispose of contents/container in corroding with local/ regional/ national/ international regulations.

First aid:

- P302+P352** IF ON SKIN:Wash with plenty of soap and water.
- P305+P351+P338** IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses,if present and easy to do.continue rinsing.
- P301+P312+P330** IF SWALLOWED:Call a poison center/doctor,rinse mouth.
- P304+P340** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P303+361+353** IF ON SKIN(or hair):Remove/take off immediately all contaminated clothing.Rinse skin with water/shower.

Fire:

- P370+378** In case of fire: Use appropriate media for extinction

Section 4.First-Aid Measures

- Ingestion Aid** Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
- Inhalation Aid:** Remove individual to fresh air, contact physician if necessary.
- Skin Contact Aid:** Immediately wash skin with soap and copious amounts of water.
- Eye Contact Aid:** Immediately flush eyes with water for at least 15 minutes. Get medical attention.

Section 5.Fire Fighting Measures

- Extinguishing Media:** Carbon dioxide, dry chemical powder or appropriate foam.
- Special Fire Fighting Procedure:** Wear protective clothing to prevent contact with skin and eyes.

**Unusual Fire and
Explosion Hazards:**

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

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

Methods and materials for containment and cleaning up Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations

Other disposal in accordance with the corresponding regulations

Section 7. Handling and Storage

Precautions for safe handling Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Wear safety glasses or goggles and rubber gloves and apron when handling.
Keep away from sources of ignition - No smoking.

Suggested storage conditions Store in tightly sealed original containers with minimum head space. Avoid prolonged exposure to light, heat, cold, and air. Ensure good ventilation.

Shelf life

Section 8. Exposure Controls/Personal Protection

Eyes: The use of Goggles or a face shield is recommended.

Respiratory: Respiratory protection is normally not required in well ventilated areas. However, NIOSH approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.

Other Protective Devices: Chemical resistant gloves are recommended.

Ventilation: Ventilation meeting ACGIH Standards should be employed.

Work/Hygienic Practices: Use good personal hygiene practices; Limit exposure to product whenever possible. Complete suit protecting against chemicals, The type of protective

equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Section 9. Physical and Chemical Properties

Appearance and Odor:	Colorless transparent liquid, Strawberry-like odor.
Boiling Point °C:	272-275°C
Melting Point °C:	
Vapor Density:	No data available
Vapor Pressure:	No data available
Specific Gravity (@25°C):	1.086-1.096
Refractive Index (@20°C):	1.504-1.513
Solubility:	No data available
Fat:	No data available
Flash Point:	>200° F
Flammability (solid, gas):	No data available
Auto flammability:	No data available
Explosive Properties:	No data available
Oxidizing Properties:	No data available

Section 10. Stability and Reactivity

Hazardous

polymerization/decomposition

Hazardous Decomposition Products: Carbon oxides

Products:

Materials and/or conditions to avoid: Heat, flames and sparks.

Stability:

Section 11. Toxicological Information

Acute Toxicity Data:

Oral LD50 Rat - 5470 mg/kg

Dermal LD50:

Inhalation LC50

Health Hazards (Acute and Chronic):

Ingestion: Swallowing harmful.

Inhalation: Inhalation may be harmful, respiratory stimulation.

Skin Contact: Absorbed through the skin may be harmful, cause skin irritation.

Eye Contact: Causes serious eye irritation.

Note:

Other Effects: No data available

Section 12. Ecological Information

Biodegradability:

Aquatic Toxicity:

Bioaccumulation

Potential:

Section 13. Disposal Considerations

Hazardous Materials Identification System

Health

Flammability

Reactivity

Personal Protection

4-Extreme

3-High

2-Moderate

1-Slight

0-No Significant Hazard

Waste disposal suggestion: Offer surplus and non-recyclable solutions to a licensed disposal company.
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Not clean packaging disposal suggestion: Should be dealt with according to the official rules.

Section 14. Transport Information

Proper Shipping Name

ADR/IMDG/IATA

UN# 3082

ADR/IMDG/IATA

ERG# 9

ADR/IMDG/IATA

UN Pkg Group III

ADR/IMDG/IATA

Section 15.Regulatory

Risk Statements: Harmful if swallowed Irritating to eyes and skin.

Safety Statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Please note that waste disposal should also meet the requirements of local laws and regulations.

If applicable, the chemical meet the requirements of the hazardous chemical materials safety management regulations.

Section 16.OTHER INFORMATION

Disclaimer: Information in this SDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and our company assumes no liability resulting from the use of this SDS. The user must determine suitability of this information for his application.