

LAOHEKOU JINGHONG CHEMICAL CO., LTD

163, East Huagong Rd, Laohekou, Hubei, China

Material Safety Data Sheet

Product: 3-Cyclohexenecarboxylic acid, 98% (GC)

1. Chemical Product And Company Identification

3-Cyclohexenecarboxylic acid, 98% (GC)

Cas No: 4771-80-6

COMPANY DETAILS

Company: LAOHEKOU JINGHONG CHEMICAL CO., LTD

Address: 163, East Huagong Rd, Laohekou, Hubei, CHINA

Telephone Number: +86-710-8235352

Fax Number: +86-710-8235182

2. Composition/information on ingredients

Product Name: 3-Cyclohexenecarboxylic acid, 98% (GC)

U.N. Number: UN2498

Hazard Class: 8

and Subsidiary Risk: NO

Hazchem Code: 3R

EINECS No: 225-314-7

Hazard Symbols: XN

Risk Phrases: 21 36/37/38

3. Hazards identification

Emergency overview:

Harmful in contact with skin. Irritating to eyes, respiratory system and skin.

Potential Health Effects:

Eye:

Causes eye irritation.

Skin:

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Causes skin irritation. Harmful if absorbed through the skin.

Ingestion:

May cause irritation of the digestive tract.

Inhalation:

Causes respiratory tract irritation.

Chronic:

Not available.

4. First aid measures

Harmful in contact with skin. Irritating to eyes, respiratory system and skin.

Potential Health Effects

Eye:

Causes eye irritation.

Skin:

Causes skin irritation. Harmful if absorbed through the skin.

Ingestion:

May cause irritation of the digestive tract.

Inhalation:

Causes respiratory tract irritation.

Chronic:

Not available.

5. Fire fighting measures

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media:

In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant

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foam.

6. Accidental release measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Clean up spills immediately, observing precautions in the Protective Equipment section.

7. Handling and storage

Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Storage:

Store in a cool, dry place. Keep container closed when not in use.

8. Exposure controls and personal protection

Engineering Controls:

Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Personal Protective Equipment:

Eyes:

Wear safety glasses and chemical goggles if splashing is possible.

Skin:

Wear appropriate protective gloves and clothing to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to minimize contact with skin.

Respirators:

Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape

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provisions.

9. Physical and chemical properties

Physical State:	Clear liquid
Color:	yellow - clear yellow brown - gray blue
Odor:	Not available.
pH:	Not available.
Vapor Pressure:	Not available.
Viscosity:	Not available.
Boiling Point:	128.0 - 131.0 deg C @ 18.00mm
Freezing/Melting Point:	17 deg C
Autoignition Temperature:	Not available.
Flash Point:	> 112 deg C (> 233.60 deg F)
Explosion Limits, lower:	Not available.
Explosion Limits, upper:	Not available.
Decomposition Temperature:	
Solubility in water:	insoluble
Specific Gravity/Density:	1.0800g/cm ³
Molecular Formula:	C ₇ H ₁₀ O ₂
Molecular Weight:	126.16

10. Stability and reactivity

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Incompatible materials.

Incompatibilities with Other Materials:

Sterk oxyderend middel, zuur.

Hazardous Decomposition Products:

Irritating and toxic fumes and gases.

Hazardous Polymerization:

Not available.

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11. Toxicological information

RTECS#:

CAS# 4771-80-6: GW3675000

LD50/LC50:

CAS# 4771-80-6: Draize test, rabbit, skin: 5 mg/24H Severe; Oral, rat: LD50 = 4260 mg/kg; Skin, rabbit: LD50 = 1 mL/kg.

Carcinogenicity:

3-CYCLOHEXENECARBOXYLIC ACID, 98% (GC) -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

12. Ecological information

13. Disposal considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Transport information

IATA

No information available.

IMO

No information available.

RID/ADR

No information available.

15. Regulatory information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases:

R 21 Harmful in contact with skin.

R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:

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S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

WGK (Water Danger/Protection)

CAS# 4771-80-6: No information available.

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

None of the chemicals in this product are listed on the DSL/NDSL list.

CAS# 4771-80-6 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

US FEDERAL

TSCA

CAS# 4771-80-6 is listed on the TSCA inventory.

16. OTHER INFORMATION

MSDS Creation Date: 16 /7/2004 **Last Updated:** 12/2/2012 14:00 PM

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