



地址：宁夏中卫市美利工业园区，电话/传真：+86-0955-7606166、+86-0955-7606168
Add: Meili Industrial Park,Zhongwei,Ningxia,China , Tel/Fax: +86-0955-7606166、+86-0955-7606168

MATERIAL SAFETY DATA SHEET

L-Camphor-10-sulphonic acid, 99%

Section 1 - Chemical Product and Company Identification

MSDS Name: L-Camphor-10-sulphonic acid, 99%

Company Identification: Ningxia Yadong Chemical Co., Ltd.
Meili Industrial Park,Zhongwei,Ningxia,China

For information call: +86-0955-7606166

Emergency Number: +86-0955-7606168

Section 2 - Composition, Information on Ingredients

CAS #	Substance Name	%	EINECS#
35963-20-3	L-Camphor-10-sulphonic acid	99	252-817-9

Molecular Formula Molecular Weight

C₁₀H₁₆O₄S 232.29

Hazard Symbols: C



Risk Phrases: 34

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Causes burns. Corrosive. Hygroscopic (absorbs moisture from the air).

Potential Health Effects

Eye: Contact with eyes may cause severe irritation, and possible eye burns.

Skin: May cause severe irritation and possible burns.

Ingestion: Causes gastrointestinal tract burns. May cause nausea and vomiting.

Inhalation: May cause severe irritation of the respiratory tract with sore throat,



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coughing, shortness of breath and delayed lung edema. Causes chemical burns to the respiratory tract.

Chronic: Not available.

Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

Skin: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician: Not available.

Section 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.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Section 6 - Accidental Release Measures

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

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

Section 7 - Handling and Storage

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.



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Use only in a chemical fume hood.

Storage: Store in a cool, dry place. Store in a tightly closed container. Corrosives area.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Exposure Limits

CAS# 35963-20-3:

Personal Protective Equipment

Eyes: Wear chemical splash goggles and face shield.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: A NIOSH/MSHA approved air purifying dust or mist respirator or European Standard EN 149.

Section 9 - Physical and Chemical Properties

Physical State: Powder

Color: White or almost white.

Odor: Not available

pH: Not available

Vapor Pressure: Not available

Viscosity: Not available

Boiling Point: Not available

Freezing/Melting Point: 192.0-202.0deg C (377.6> 395.6°F)

Autoignition Temperature: Not available

Flash Point: Not available

Explosion Limits: Lower: Not available

Explosion Limits: Upper: Not available



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Decomposition Temperature: Not available

Solubility in water: Soluble in water

Specific Gravity/Density: Not available.

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Exposure to moist air or water.

Incompatibilities with Other Materials Strong oxidizing agents, strong bases.

Hazardous Decomposition Products Carbon monoxide, oxides of sulfur, carbon dioxide.

Hazardous Polymerization Has not been reported.

Section 11 - Toxicological Information

RTECS#: CAS# 35963-20-3: None listed

LD50/LC50: RTECS: Not available.

Carcinogenicity: L(-)-10 Camphorsulfonic acid - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Section 12 - Ecological Information

Not available

Section 13 - Disposal Considerations

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

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	CORROSIVE ACIDIC, N.O.S.*	SOLID, CORROSIVE ORGANIC, ACIDIC, N.O.S.*	SOLID, CORROSIVE ORGANIC, ACIDIC, N.O.S.*
Hazard Class:	8	8	8
UN Number:	3261	3261	3261



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Packing

Group:

II

II

II

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: C

Risk Phrases:

R 34 Causes burns.

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

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

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

WGK (Water Danger/Protection)

CAS# 35963-20-3: Not available

Canada

CAS# 35963-20-3 is listed on Canada's DSL List

US Federal

TSCA

CAS# 35963-20-3 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date: 10/25/2017

Revision #0 Date 10/25/2017



宁夏亚东化工有限公司
NINGXIA YADONG CHEMICAL CO., LTD.



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