

Language: EN

Country:

**** MATERIAL SAFETY DATA SHEET ****

2,3-Dihydrobenzofuran, 98%

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: 2,3-Dihydrobenzofuran, 98%

Catalog Numbers:

17994-0000, 17994-0050, 17994-0250

Synonyms:

Coumaran

Company Name: Shenzhen Dehayer Chemical Co. Ltd

Add:20-402, District A, Nanyou, Nanshan, Shenzhen

Postcode: 518054

Company Telephone: 0755-26404265, 26404303, 61363520

Fax: 0755-26404265

Document Number: Dec-2003-CSDS001

Date into Effect: 18/12/2003

Emergency Call: 0755-27237286

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

CAS#: 496-16-2

Chemical Name: 2,3-Dihydrobenzofuran

EINECS#: 207-817-3

Hazard Symbols: None Listed.

Risk Phrases: None Listed.

**** SECTION 3 - HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Not available.

Potential Health Effects

The toxicological properties of this material have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

**** 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:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:

Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation:

Remove from exposure and move to fresh air immediately.

Notes to Physician:

**** 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. 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 foam.

**** SECTION 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.

**** 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.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:
Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. 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 provisions.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State: Clear liquid
Color: light yellow - colorless
Odor: Not available.
pH: Not available.
Vapor Pressure: Not available.

Viscosity: Not available.
Boiling Point: 188 - 189 deg C @ 760.00mm Hg
Freezing/Melting Point: Not available.
Autoignition Temperature: Not available.
Flash Point: 66 deg C (150.80 deg F)
Explosion Limits, lower: Not available.
Explosion Limits, upper: Not available.
Decomposition Temperature:
Solubility in water: immiscible
Specific Gravity/Density: 1.0650g/cm3
Molecular Formula:
Molecular Weight: 120.15

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Incompatible materials, strong oxidants.

Incompatibilities with Other Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Irritating and toxic fumes and gases.

Hazardous Polymerization: Has not been reported.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

RTECS#:

CAS# 496-16-2 unlisted.

LD50/LC50:

Not available.

Carcinogenicity:

2,3-Dihydrobenzofuran -

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

See actual entry in RTECS for complete information.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

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

**** SECTION 14 - TRANSPORT INFORMATION ****

IATA

No information available.

IMO

No information available.

RID/ADR

No information available.

**** SECTION 15 - REGULATORY INFORMATION ****

Regulations: Safety Regulation for Hazardous Chemicals

Detail Application Rules of Safety Regulation for Hazardous Chemicals

Rules of Using Chemical Safely at Working Spot

Class and Sign For Common Hazardous Chemicals (GB13690-92)

General Technique Conditions For Transportation and *Packing Hazardous Goods (GB12463-90)*

**** SECTION 16 - ADDITIONAL INFORMATION ****

References: 1. Safety Management for Chemicals at Working Spot

2. Safety Handbook for Hazardous Goods

3. All-Round Book for Safety Technology Hazardous Chemicals

4. Register Regulation for Hazardous Chemicals

Writing Date: December, 2003