

Material Safety Data Sheet Petroleum Resin

Section 1 - Product Identification

Synonym : Hydrocarbon Resin
Company Identification : Tradeasia International Pte. Limited
Address : 133 Cecil Street # 12-03 Keck Seng Tower, Singapore
Tel: +65-6227 6365
Fax: +65-6225 6286
Email: contact@chemtradeasia.com

Section 2 – Hazards Identification

2.1. Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

2.2. Label elements

Symbols/Pictograms

Not applicable

Signal Word

Not applicable

Hazard Statements

Not applicable

Precautionary Statements Storage

Not applicable

2.3. Other hazards

Not applicable

Section 3 – Composition/Information on Ingredients

3.1 Composition comments

CAS No. Designation: 64742-16-1 petroleum resin in primary forms

Chemical Name	EC No/CAS No	Purity, %
Indene	95-13-6	20-50
Styrene	100-42-5	5-10
Vinyl-Toluene	98-83-9	20-30
Dicyclopentadiene	77-73-6	20-30

Section 4 – First-Aid Measures

4.1. Description of first aid measures

General advice

No special measures required.

Eyes

Rinse opened eyes for several minutes under running water.

Skin

Clean the affected area with soap and plenty of water.

Ingestion

In case of persistent symptoms consult a doctor.

Inhalation

Supply fresh air ; consult a doctor in case of symptoms.

4.2. Most important symptoms and effects, both acute and delayed

Not applicable.

4.3. Indication of any immediate medical attention and special treatment needed

Not applicable.

Section 5 – Fire Fighting Measures

5.1. Suitable Extinguishing media

Use fire fighting measures that suit the environment

5.4. Special protective actions for fire-fighters

No special measures required.

Section 6 – Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Not required.

6.2. Environmental precautions

No special measures required.

6.3. Methods and material for containment and cleaning up

Collect material mechanically.

6.4. Additional information

No dangerous materials are released.

Section 7 – Handling and Storage

7.1. Precautions for safe Handling

Information for safe handling: No special measures required.

Information about protection against explosions and fires: No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and containers: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: Not applicable.

Section 8 – Exposure Controls/Personal Protection

8.1. Individual protection measures, such as personal protective equipment (PPE)

General protective and hygienic measures

The usual precautionary measures should be adhered to general rules for handling chemicals.

Eye/face protection

Not required.

Skin protection

Not required.

Body Protection

Protective work clothing.

Respiratory protection

Not required.

Section 9 – Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical State: Solid

Appearance: Yellow-brown

Odor: Weak, characteristic

Flash Point: >230°C

Ignition temperature: >450°C

Softening point/range: 90-140°C

Auto-ignition temperature: Product is not self-igniting.

Danger of explosion: Dust can form explosive mixtures with air.

Solubility in/Miscibility with water: Insoluble

Vapor Pressure: < 0.2 mbar @25°C

Density: 1.06-1.11 g/cm @25°C

Section 10 – Stability and Reactivity

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid:

No decomposition if used according to specifications.

10.6. Hazardous decomposition products

No dangerous decomposition products known.

Section 11 – Toxicological Information

11.1 Health effects associated with ingredients

Acute toxicity:

Specific symptoms in biological assay: LD50 (oral-rat): < 10.0G/ KG

Primary irritant effect:

Skin corrosion/irritation

No irritating effect.

Serious eye damage/eye irritation

No irritating effect.

Respiratory or skin sensitization

No sensitizing effect known.

Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Section 12 – Ecological Information

12.1. General Information

Based on experience no adverse effects in drains or sewage systems are to be expected if correct disposal procedures have been followed.

Section 13 – Disposal Considerations

13.1. Disposal methods

Disposal Classification Number

Unused Substance / Remaining Substance

Recommendation

Observe local requirements. Dispose of in accordance with local Regulations.

Contaminated Packaging Recommendations

Observe local requirements. Dispose of in accordance with local regulations.

Section 14 – Transport Information

14.1. Transport / Additional information

Not a dangerous good according to international transport regulations.

Section 15 – Regulatory Information

15.1. Safety, health and environmental regulations

Designation according to EC guidelines

Labelling according to EEC Directives/Ordinance on Hazardous Substances is not required.

Section 16 : Additional Information

16.1. List of abbreviation and acronyms used in this MSDS

SDS : Safety Data Sheets

Index N° : atomic number of the element most characteristic of the properties of the substance

CAS No : Chemical Abstracts Service number

EC No : EINECS Number : European Inventory of Existing Commercial Substances

Repr. Cat. 2 : Substance presumed human reproductive toxicant

Acute Oral Cat. 5 : Substance which is of relatively low acute oral toxicity.

GHS : Globally Harmonised System of Classification and Labelling

LD₅₀ : Median Lethal Dose

LC₅₀ : Lethal Concentration, 50%

N.A. : Not Applicable

OSHA : Occupational Safety & Health Administration

Cal OSHA : The State of California Division of Occupational Safety and Health (DOSH)

PEL : Permissible Exposure Limits

ACGIH : American Conference of Governmental Industrial Hygienists

TLV : Threshold Limit Value

Japanese MITI : Japanese Ministry of International Trade and Industry

EC₅₀ : Half maximal effective concentration

UN : United Nations

U.S. EPA TSCA Inventory: Inventory of the chemical substances manufactured or processed in the United States according to Toxic Substances Control Act compiled and published under the authority of the Environmental Protection Agency

Canadian DSL: Canadian Domestic Substances List

16.2. Disclaimer of Liability

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its accuracy, reliability or completeness. The conditions or methods of handling, storage use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.