



# Calcium Resinate

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name: Calcium Resinate  
CAS Number: 9007-13-0  
EC Number: 232-694-8

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use: Laboratory chemicals, Industrial & for professional use only

### 1.3 Details of the supplier of the safety data sheet

Company name: East Harbour Group Ltd  
Miranda House, The Quay  
Harwich, Essex, CO12 3HH  
United Kingdom

Telephone: +44 (0) 333 242 0100  
Email: [info@eastharbourgroup.com](mailto:info@eastharbourgroup.com)

### 1.4 Emergency telephone number

Emergency telephone: 0800 246 1274

## Section 2: Hazardous identification

### 2.1 Classification of the substance or mixture

#### In accordance with Regulation (EU) No 1272/2008:

Irritating to eyes, rinse with water  
Irritating to skin, rinse with soap and water  
Acute inhalation hazard, remove to fresh air  
Avoid ignition sources, may ignite when exposed to air

### 2.2 Label elements

#### Labelling in accordance with Regulation (EU) No 1272/2008:

Pictograms:



Signal Word: DANGER



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**H statements:**

H228 /H252

H302/H312/H315

Flammable solid, Self-heating in large quantities, may catch fire.

Harmful if swallowed, in contact with skin or eyes.

**P statements:**

P210

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

**HMIS Rating:**

Health: 1

Flammability: 3

Reactivity: 1

**NFPA Rating**

Health: 1

Flammability: 1

Reactivity: 0

**Potential Health Effects****Inhalation:** Irritating, may cause coughing or difficulty breathing**Skin:** Irritation, flush affected areas with water**Eyes:** Irritating to eyes, flush with water**Ingestion:** Irritating by mouth.**2.3 Other hazards**

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment

## Section 3: Composition/information on ingredients

<b>Chemical Name:</b>	Calcium Resinate
<b>CAS No:</b>	9007-13-0
<b>Formula:</b>	Variable
<b>Molecular weight:</b>	Variable

## Section 4: First aid measures

**4.1 Description of first aid measures****Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical help**Skin Contact:** Remove contaminated clothes and shoes. Wash affected area with soap and water. Flush skin with water, seek medical attention if irritation occurs.**Eye Contact:** In case of contact, immediately flush eyes with large amounts of water for at least 15 minutes. See medical attention.**Ingestion Contact:** If ingested, remove by gastric lavage. Get medical attention immediately.



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## Section 5: Fire-fighting measures

### 5.1 Fire Fighting Media and Instructions:

Suitable extinguishing media: Dry chemical, sand, water spray, or foam.

### 5.2 Special hazards arising from the substance or mixture

Move containers if possible. Cool containers with water well after fire is out

### 5.3 Advice for firefighters

May release acrid smoke and irritating fumes

#### Fire protection equipment.

Avoid breathing vapours

## Section 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment as described in Section 8

### 6.2 Environmental precautions

Keep unnecessary people away. No flares in hazard area.

### 6.3 Methods and material for containment and cleaning up

Shut off ignition sources. Pick up with clean shovel and place in clean container (dry) and cover. For larger spills, dike ahead and wet down with water.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Handling precautions: Store in a clean, well-capped drum. Keep away from material fuel. Keep away from the heat. Store in a cool, dry area

## Section 8: Exposure controls/personal protection

#### Protective Equipment:

Provide general dilution ventilation system.

#### Process Conditions:

Exposure Limits: 5 mg/m<sup>3</sup> OSHA TWA (Respirable Dust), 15 mg/m<sup>3</sup> OSHA TWA (total dust)

#### Respirators:

Use OSHA-approved dust mask.

#### Protective Gloves:

Wear protective gloves.

#### Eye Protection:

Wear splash-proof, dust-proof safety goggles.

#### Other Protection:

Wear impervious clothing to prevent prolonged skin contact.

#### Hygienic Work Practices:

No eating or smoking in work area. Eye fountain near work area. Good personal hygiene



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## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Colour</b>	Tan to white
<b>Physical State</b>	Fine Powder
<b>Odor</b>	Mild pine odour
<b>Molecular weight</b>	Variable
<b>Melting/Freezing Point</b>	Above 175°C
<b>Boiling Point/Range</b>	Above 260°C
<b>Specific Gravity</b>	Not established
<b>Water Solubility</b>	Insoluble

## Section 10: Stability and Reactivity

<b>10.1 Stability</b>	Stable
<b>10.2 Hazardous Polymerization</b>	Will not occur
<b>10.3 Incompatibilities</b>	Avoid mixing with strong oxidants
<b>10.4 Instable Conditions</b>	Excessive temperatures (see incompatibilities)
<b>10.5 Decomposition Temperature</b>	Not established
<b>10.6 Decomposition Products</b>	Carbon monoxide, carbon dioxide, oxides of calcium

## Section 11: Toxicological Information

<b>RTECS Number:</b>	EW3970000
<b>Routes Of Exposure:</b>	Eye contact. Ingestion. Inhalation. Skin contact.
<b>Toxicity Data:</b>	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.
<b>Chronic Toxic Effects:</b>	Not known to cause any long-term harmful health effects.
<b>Acute Toxic Effects:</b>	Irritating to the skin and eyes on contact. Inhalation will cause irritation to the lungs and mucus membrane. Irritation to the eyes will cause watering and redness. Reddening, scaling, and itching are characteristics of skin inflammation. Follow safe industrial hygiene practices and always wear protective equipment when handling this compound

## Section 12: Ecological Information

<b>12.1 Toxicity</b>
<b>Ecotoxicity effects</b>
Ecotoxicity: Not available at this time.



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## Section 13: Disposal considerations

### 13.1 Waste treatment methods

**Waste Disposal Method:** Waste disposal should be in accordance with existing federal, state and local environmental regulations.

## Section 14: Transport Information

Proper Shipping Name:	Calcium Resinate
UN Number:	1313
Class:	4.1
P.G.:	III
Label Code:	4.1

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

## Section 15: Regulatory Information

### Chemical Inventory Status

Ingredient: Calcium Resinate (CAS# 9007-13-0)

TSCA: No

EINECS: No

China: No

Japan: No

Australia: No

Korea: No

Canada – DSL: No

Canada – NDSL: No

Philippines: No

Federal, State, International Regulations

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SARA 302 - RQ: No

SARA 302 - TPQ: No

SARA 302 - Listed: No

RCRA 261.33: No

TSCA 8(d): No

CERCLA: No

### Additional Items

Chemical Weapons: No

Acute: No

TSCA 12(b): No

CDTA: No



## Calcium Resinate

SARA 311/312: No  
Reactivity: No  
Chronic: No  
Fire: No  
Pressure: No  
Australian HazChem Code: No  
Poison Schedule: No  
WHMIS: No

### Section 16: Other Information

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CEN: European Committee for Standardization.

PPE: Personal protection equipment.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

IMDG: International Maritime Code for Dangerous Goods.

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.