

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)



CALCIUM RESINATE

Version: 8
Revision date: 08/10/2019

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY/UNDERTAKING.

1.1 Product identifier.

Product Name: CALCIUM RESINATE
Chemical Name: Calcium Resinate
CAS No: 9007-13-0
EC No: 232-694-8
REACH No: A registration number is not available for this substance, the annual tonnage does not require a registration.

1.2 Relevant identified uses of the substance and uses advised against.

Not available.

1.3 Details of the supplier of the safety data sheet.

Company: **ALDEBARÁN SISTEMAS SL**
Address: C/Jerónimo Zurita, 10, entlo izda, 50001
City: Zaragoza
Province: Zaragoza
Telephone: 0034976796134
E-mail: aldebaran@aldebaransistemas.com

1.4 Emergency telephone number: 0034915620420 (Available 24 hours)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance.

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

H statements:

H228 /H252 Flammable solid, Self heating in large quantities, may catch fire.
H302/H312/H315 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.

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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 difficult 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.

Chemical Name:	Calcium Resinate
CAS No:	9007-13-0
Formula:	$\text{Ca}(\text{C}_{20}\text{H}_{29}\text{O}_2)_2$
Concentration:	100%
REACH No:	A registration number is not available for this substance, the annual tonnage does not require a registration.

SECTION 4: 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.

SECTION 5: FIREFIGHTING MEASURES.

5.1 Extinguishing media.

Recommended extinguishing methods.

Dry chemical, sand, water spray, or foam.

5.2 Special hazards arising from the substance.

Special risks.

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

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Fine dust in air may be ignition source. Can catch fire when overheated.

5.3 Advice for firefighters.

May release acrid smoke and irritating fumes

Fire protection equipment.

Avoid breathing vapors

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. Get 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/m³ OSHA TWA (Respirable Dust), 15 mg/m³ 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Appearance: Powder

Colour: White

Odour: N.A./N.A.

Odour threshold: N.A./N.A.

pH: N.A./N.A.

Melting point: Decomposes

Boiling Point: Decomposes

Flash point: N.A./N.A.

Evaporation rate: N.A./N.A.

Inflammability (solid, gas): N.A./N.A.

Lower Explosive Limit: N.A./N.A.

Upper Explosive Limit: N.A./N.A.

Vapour pressure: N.A./N.A.

Vapour density: N.A./N.A.

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Relative density: 1,13 g/ml
Solubility: Insoluble
Liposolubility: N.A./N.A.
Hydrosolubility: N.A./N.A.
Partition coefficient (n-octanol/water): N.A./N.A.
Auto-ignition temperature: N.A./N.A.
Decomposition temperature: N.A./N.A.
Viscosity: N.A./N.A.
Explosive properties: N.A./N.A.
Oxidizing properties: N.A./N.A.
N.A./N.A.= Not Available/Not Applicable due to the nature of the product

9.2 Other information.

Pour point: N.A./N.A.
Blink: N.A./N.A.
Kinematic viscosity: N.A./N.A.
N.A./N.A.= Not Available/Not Applicable due to the nature of the product

SECTION 10: STABILITY AND REACTIVITY.

Stability: Stable in air-tight containers. May result in spontaneous heating when in contact with air. May be sufficient to ignite material.

Hazardous Decomposition Products: Thermal decomposition may release acrid smoke and irritating fumes.

Conditions to Avoid: Strong oxidants

SECTION 11: TOXICOLOGICAL INFORMATION.

Toxic Dose LD50: Toxicity of calcium resinate has not been qualified.

Toxicological Info: No information found. Inhalation: May be irritant to mucous membranes. Skin: May be irritant to skin.

Eyes: May be irritant to eyes.

Medical Symptoms: No information found

SECTION 12: ECOLOGICAL INFORMATION.

Toxicity: No information found.

Distribution: No information found.

Chemical Fate: No information found.

SECTION 13 DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations

SECTION 14: TRANSPORT INFORMATION.

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.

Land: Transport by road: ADR, Transport by rail: RID.

Transport documentation: Consignment note and written instructions

Sea: Transport by ship: IMDG.

Transport documentation: Bill of lading

Air: Transport by plane: ICAO/IATA.

Transport document: Airway bill.

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14.1 UN number.

UN No: UN1314

14.2 UN proper shipping name.

Description:

ADR: UN 1314, CALCIUM RESINATE, FUSED, 4.1, PG III, (E)

IMDG: UN 1314, CALCIUM RESINATE, FUSED, 4.1, PG III

ICAO: UN 1314, CALCIUM RESINATE, FUSED, 4.1, PG III

14.3 Transport hazard class(es).

Class(es): 4.1

14.4 Packing group.

Packing group: III

14.5 Environmental hazards.

Marine pollutant: No

14.6 Special precautions for user.

Labels: 4.1



Hazard number: 40

ADR LQ: 5 kg

IMDG LQ: 5 kg

ICAO LQ: 10 kg

Provisions concerning carriage in bulk ADR:

VC1 Carriage in bulk in sheeted vehicles, sheeted containers or sheeted bulk containers is permitted.

VC2 Carriage in bulk in closed vehicles, closed containers or closed bulk containers is permitted.

Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-A,S-I

Proceed in accordance with point 6.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code.

The product is not transported in bulk.

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
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.

Sections changed compared with the previous version:

2,3,4,5,6,8,9,10,11,12

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.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>
<http://echa.europa.eu/>
Regulation (EU) 2015/830.
Regulation (EC) No 1907/2006.
Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.

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