
SAFETY DATA SHEET

In accordance with Regulation (EC) No. 1907/2006 Annex II, modified by Regulation (EU) No. 2020/878 – Spain

1. IDENTIFICATION:

1.1. Product Identifier:

Product Name: CERA DE SOJA CS 50 PERLAS
CAS N°: 8016-70-4
EINECS N°: 232-410-2
REACH: Exempt
Code: CS50P
General Description: Refined partially hydrogenated vegetable oil.

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

Industrial Applications.
Thermal decomposition / conditions to avoid: no risk if used under specified conditions.
Acrolein generation if heated above 270 °C at atmospheric pressure.

1.3. Details of the supplier:

Ceras Industriales Martí, S.L.
Pol. Ind. Can Clapers. C/Can Clapers 29 2B
08181 – SENTMENAT (Barcelona)

1.4. Emergency Telephone Number:

+34 91.114.25.20

2. HAZARDS IDENTIFICATION:

2.1. Classification of the substance or mixture:

Product Definition: Mixed Polymeric Materials.
Classification according to the Regulation (EC) No. 1272/2008 [CLP / GHS]: Not Classified.
Classification according to the Directive 67/548/EEC: Not Classified.
Classification according to the Directive 1999/45/EC: Not Classified.

2.2. Label elements:

Not Applicable.

2.3. Other hazards:

Criteria for PBT or vPvB in accordance with Annex XIII Regulation (EC) No 1907/2006 (REACH)

According to the data transmitted along the supply chain and which we have, of the substances that constitute the mixture, we reported that these substances do not meet the criteria PBT or vPvB, in accordance with the Annex XIII.

Other hazards which do not result in classification but which may Contribute to the overall hazards of the substance or mixture:

EYES: In solid state the product presents no health hazard, but may cause irritation. In melt can cause severe burns.

SKIN CONTACT: In solid state the product presents no health hazard, although there is not medical information available, in some cases (personal sensitive, intolerant, atopic ...) can cause adverse effects like irritation. In melt can cause severe burns.

INHALATION: Inhalation of the substance at room temperature is unlikely. At elevated temperatures, it may produce fumes or vapors that may cause undesirable systemic effects. Becoming irritating to the respiratory tract, that may cause dizziness and breathing difficult.

INGESTION: Low oral toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

3.1. Substances & 3.2.- Mixtures:

General Description	Identificadores	Chemical D.	R. EC nº 1272/2008	Directive 67/548/EEC	Directive 1999/45/EC
Refined partially hydrogenated vegetable oil	REACH: exempt EINECS Nº: 232-410-2 CAS Nº: 8016-70-4	Triglycerides	Not Classified	Not Classified	Not Classified

4. FIRST AID MEASURES:

No action shall be taken involving any personal risk or without suitable training. For any event listed below or not, **always seek care or medical assistance immediately:**

4.1. Description of first aid measures

EYES:

Solid: If it was entering the eyes, you must remove it as a foreign body. First verify that the injured does not wear contact lenses and if so remove them. Rinse and wash carefully, also under the eyelids occasionally lifting the upper and lower, with plenty of water for at least 5 minutes. Seek medical assistance as it can cause irritation.

Liquid: If hot product fell over on the eyes, cool rapidly with cold water to the affected area to dissipate the heat for at least 5 minutes. Do not try to remove the product once it has solidified without medical assistance.

SKIN CONTACT:

Solid: Wash with abundant soap and water.

Liquid: If hot product falls on the skin, cool rapidly with cold water to the affected area to dissipate the heat for at least 5 minutes. Seek medical assistance. Do not try to remove the product after it has solidified. Do not put ice on burns. Carefully remove clothing that is not stuck. Never attempt to remove pieces of clothing that are stuck to the burnt skin, instead, cut around it.

INHALATION:

Remove victim to uncontaminated area or outdoors, keep at rest in a position comfortable for breathing, if a victim is unconscious and breathing, place in the recovery position, administer oxygen if necessary. If the victim has difficulty breathing, is unconscious and not breathing, ensure that there is not impediment to the respiration, and if necessary, have properly prepared people to provide artificial respiration. If necessary, apply cardiac massage. Seek medical assistance.

INGESTION:

Not frequent. The intestinal absorption is very low. Seek medical assistance. Rinse mouth with water. Remove dentures if possible. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Provide water Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed by medical personnel. If vomiting occurs, keep head low so that vomit does not enter the lungs. Get medical attention if effects persist or are severe health effects. If unconscious, place in recovery position and get medical attention immediately. Ensure good air circulation. Loosen tight clothing may, as a collar, tie, belt or waistband. Seek medical assistance.

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

See Section 2 and Section 11 of this document.

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

There is no specific antidote. Monitor breathing and pulse. Take action functional as symptoms, treat symptomatically to relieve any effect. Contact treatment specialist immediately if swallowed or inhaled a lot. Individuals with previous lung disease may have increased susceptibility to the effects of exposure.

When using high pressure equipment, injection of the product may occur.

Other Information for doctor:

There is no specific antidote. Take action functional as symptoms, treat symptomatically. Contact treatment specialist immediately if swallowed or inhaled a lot quantity.

Individuals with previous lung disease may have increased susceptibility to the effects of exposure. When using high pressure equipment, injection of the product may occur.

Protection of first-aiders (lifeguard):

Use personal protective equipment. No action shall be taken involving any personal risk or without suitable training.

5. FIREFIGHTING MEASURES:

You should always follow the guidelines laid down in the laws local, regional, national or European Union, which are in force and are applicable. No action shall be taken involving any personal risk or without suitable training.

5.1. Extinguishing media:

Suitable extinguishing media: Carbon dioxide (CO₂), Dry Chemical Powder Fire Extinguishing, Fire-fighting Foam (AFFF), water mist and water spray. Other inert gases (subject to the provisions indicating). Sand or earth.

Unsuitable extinguishing media: Do not use direct water jets.

5.2. Special hazards arising from the substance or mixture:

Fire and explosion hazards: Non-combustible.

Hazardous products of combustion: The decomposition of the product leads to the formation of carbon oxides such as carbon monoxide (carbon monoxide) or carbon dioxide (carbon dioxide), nitrogen oxides, carbon black, aldehydes, ketones, volatile fatty acids, combustion products incomplete, unknown hydrocarbons and other toxic gases.

5.3. Advice for firefighters:

Instructions and Precautions Firefighting:

- Evacuate area: Promptly isolate the scene by removing all persons from the vicinity of the place of the incident.
- Avoid direct contact of the product with the flames and high temperatures.
- Remove containers from fire area if it can be done without risk.
- Avoid leakage / spillage from the site where fire control or dilution flows / inflows, sewers or drinking water supply.
- Avoid inhalation of the substance or combustion products.
- Locate on upwind and keep out of low areas.

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- Do not scatter spilled material with high pressure water.
- Stack spilled material for further processing.
- Use extinguishing agents suitable for surrounding fires.
- Firefighters must use standard protective equipment and in enclosed spaces, self contained breathing apparatus (SCBA - acronym in English).
- Firefighters should use:
 - Appropriate protective equipment and self contained breathing apparatus with a full face piece operated in positive pressure mode.
 - Clothing for firemen (including helmets, protective boots and gloves) conforming to current regulations provide a basic level of protection for chemical incidents.
 - Autonomous Respirators (SCBA - acronym in English) and complete equipment.
- Use water spray to cool fire exposed containers.
- Use a water spray to cool fire exposed surfaces and to protect personnel.
- If you cannot extinguish the fire, leave the area and let the fire extinguished itself.
- Ensure long cooled to prevent re-ignition.

Contraindications: The water jet can be applied directly to disperse the product. Do not use direct water jets on the burning product; may cause splashing and spread fire.

Avoid using water and foam simultaneously in the same surface as the water destroys the foam.

Special hazards: The melting Product may spread fire. It may produce irritating.

Protective equipment: Gloves and Heat-resistant suit. SCBA and dense fumes are produced.

Special measures: No special measures.

6. **ACCIDENTAL RELEASE MEASURES:**

In case of spill or accidental leak follow the guidelines laid down in the legal dispositions, local, regional, national or European Union, which is in force and applicable. In necessary case, realize the notification to the relevant authorities.

6.1. **Personal precautions, protective equipment and emergency procedures:**

Precautions for the personnel, so much form a part of (6.1.2.) or not (6.1.1.) of the emergency services:

- Insulate the exposed area and evacuate the surrounding area.
- Keep away unauthorized personnel, unnecessary or unprotected.
- Place the material released in suitable containers for its later disposal.
- Avoid the direct contact with spilled product, the product in melt state and the steam inhalation.
- Follow the guidelines of the Sections: 5, 7, 8 and 13 of this document.

6.2. **Environmental precautions**

Avoid dispersal of spilled material, the contact with the ground, the aquatic environment, the drains and the sewers. Inform to the pertinent authorities if the product has caused environmental pollution (sewers, waterways, land or air).

6.3. **Methods and material for containment and cleaning up:**

Land Spill:

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Spills should be collected to prevent slipping or sliding. Spilled product presents a risk of slippage on hard surfaces.

Dry small spills: with shovels clean or other means, introduce in suitable vessels, clean and dry. Lightly cover the vessels and move them outside of the spill area.

Water Spill:

Stop leak if you can do it without risk.

Limit the spill immediately with floating barriers. Warn to other shipping. Dispose the product collecting the spills from the surface. The spill in water and land spill recommendations are based on the most likely scenario for this product, in any manner, geographic conditions, wind, temperature, (and in the case of the spillage on water) the direction and speed of the waves may influence greatly the right action to develop. For this reason, local experts should be consulted.

Note: Local regulations may prescribe or limit the action to perform.

Note: Local regulations may prescribe or limit action to perform.

6.4. Reference to other sections:

Follow the guidelines of the Sections: 5, 7, 8 and 13 of this document.

7. HANDLING AND STORAGE:

Store, handle and use in accordance with the local, regional, autonomous, national legal regulations or of the European Union, which is in force and applicable.

Regardless of the specific nature of the product mixture, conditions such as humidity, sunlight and temperature influence on how the product behaves during storage and handling.

7.1. Precautions for a safe handling.

- Minimize the generation and accumulation of dust.
- Avoid conditions that generate heat during handling.
- The tasks of routine housekeeping should be established to ensure that dust does not accumulate on surfaces.
- The powder from the product can accumulate electrostatic charges due to friction from the transfer and mixture operations, which may cause an electric spark (ignition source). Provide adequate precautions to ignition sources such as electrical grounding and grounding, inert atmosphere or not sparking tools.
- Avoid high temperatures for prolonged periods.
- Eliminate all ignition sources (no smoking, sparks or flames in the nearest area).
- Prevent small spills and leakage to prevent the risk of slippage.
- Do not handle, store or open near -- open flame, heat or ignition sources.
- Avoid contact with eyes.
- Contact with the skin should be the minimum in accordance to general hygiene practices.
- Avoid contact of the hot product.
- Avoid inhalation of the product in any state, as well as fumes that can generate..

7.2. Conditions for safe storage, including any incompatibilities.

Store in cool, dry and well ventilated places.

Avoid direct contact with the sun's rays, therefore protect the material from direct sunlight.

Special attention should be given to avoid improper stacking of palletized units or other packaging units. Avoid conditions that generate heat during storage. And above all avoid high temperatures for prolonged periods of time. Handling: During loading and unloading operations, protect eyes and limbs properly. Storage (data related to product quality): Store at a maximum temperature of 30°C. Store preferably in stainless steel tanks.

7.3. Specific end use(s): Not Available.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION:**

Perform the exposure controls and personal protection following the guidelines set by local, regional, autonomous, national legal provisions or of the European Union which is in force and applicable. Due to the wide variety of existing materials on the market and the different forms of application which are beyond our control, we remember the obligation to make a proper identification of hazard and risk assessment in accordance with the regulation on safety and health existing work, for each workplace. The level of protection and types of controls necessary will vary depending on the potential exposure conditions.

8.1. Control parameters: No specific or special requirements. Under health and safety legislation applicable.

8.2. Exposure controls: No specific or special requirements, according to applicable health and safety legislation. Not hazardous product in state solid at room temperature.

8.2.2 Individual protection measures, such as personal protective equipment:

- **EYE PROTECTION:** Safety glasses to avoid contact with splashes, especially when working with molten product.

- **RESPIRATORY PROTECTION:** Mask of respiratory protection of agreement current regulations, in the presence of vapors from the melted product, with prolonged exposure, dispersion product, projection, micro projection, injection, spray, ... If necessary, use respiratory protective equipment (with goggles) approved by regulations in force. Use a purifying mask in case of unknown concentrations or in case of danger to the life/health; use an oxygen mask Air- line mask (combination airline breathing mask) or Air-breathing apparatus (full facepiece).

- **SKIN AND BODY PROTECTION:**

Solid product: It is recommended to use gloves, protective clothing and appropriate shoes. Hand protection: should not be needed gloves for chemical protection when handling this product. Contact with the skin should be the minimum according to general hygiene practices.

Liquid Product: Not recommended for handling the product in liquid and / or hot state, in the case of extreme necessity perform the manipulation using gloves, clothes and shoes of thermal protection and chemical resistance, approved by current regulations to make sure these operations or activities.

Recommendations:



Other protective equipment: System eyes washes and showers in the workplace.

General precautions: Adequate local ventilation. Avoid contact with the melt.

Hygienic practices at work: Good work practices reduce unnecessary exposures. Adoption of personal hygiene measures, such as washing after handling the material and before eating, drinking, and / or smoking. Routinely, washing clothes and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Maintain / Retain good practices. Hot showers should be used. Using soap and not other solvents.

9. **PHYSICAL AND CHEMICAL PROPERTIES:**

9.1. Information on basic physical and chemical properties:

a) Appearance:

Not Available

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|---|-----------------|
| b) Odour: | Not Available |
| c) Odour threshold: | Not Available |
| d) pH: | Not Available |
| e) Melting point / freezing point: | Not Available |
| f) Initial boiling point and boiling range: | Not Available |
| g) Flash point: | >200°C open cup |
| h) Evaporation rate: | Not Available |
| i) Flammability (solid, gas): | Not Available |
| j) Uper/lower flammability or explosive limits: | Not Available |
| k) Vapour pressure: | Not Available |
| l) Vapour density: | Not Available |
| m) Relative density: | Not Available |
| n) Solubility(ies): | Not Available |
| o) Partition coefficient: n-octanol/water: | Not Available |
| p) Auto-ignition temperature: | Not Available |
| q) Decomposition temperature: | Not Available |
| r) Viscosity: | Not Available |
| s) Explosive properties: | Not Available |
| t) Oxidising properties: | Not Available |

9.2. Other information: No additional information

10. STABILITY AND REACTIVITY:

10.1. Reactivity: No data available.

10.2. Chemical stability: Solid and stable material at room temperature.

10.3. Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid: No specific data.

10.5. Incompatible materials: Oxidizing materials and chlorinated solvents.

10.6. Hazardous decomposition products: Thermal decomposition / conditions to avoid: no risk if used under specified conditions. Acrolein generation if heated above 270 °C at atmospheric pressure.

11. TOXICOLOGICAL INFORMATION:

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008:

- a) **Acute toxicity:** Not Available
- b) **Irritation:** Not Available
- c) **Corrosivity:** Not Available
- d) **Sensitisation:** Not Available
- e) **Repeated dose toxicity:** Not Available
- f) **Carcinogenicity:** Not Available
- g) **Mutagenicity:** Not Available
- h) **Toxicity for reproduction:** Not Available

Information on likely routes of exposure : Not Available

Potential acute effects to the health:

Eye Contact: Causes severe eye irritation.

Inhalation: Non known significant effects or critical hazards.

Skin Contact: Non known significant effects or critical hazards.

Ingestion: Irritating to mouth, throat and stomach

Symptoms related to the physical, chemical and toxicological characteristics:

Eye Contact: pain or irritation, tearing and redness.

Inhalation: No specific data.

Skin Contact: No known significant effects or critical hazards.

Ingestion: No specific data.

Delayed and immediate effects as well as chronic effects from exposure:

Effects	Short-Term	Long-Term
Immediate:	Not Available.	Not Available.
Delayed:	Not Available.	Not Available.
Potential chronic health:	Not Available.	Not Available.

11.2. Information on other hazards: No data available.

12. **ECOLOGICAL INFORMATION:**

12.1. Toxicity: Not Available.

12.2. Persistence and degradability: Not Available.

12.3. Bioaccumulative potential: Not Available.

12.4. Mobility in soil: Not Available.

12.5. Results of PBT and vPvB assessment

PBT: No **P:** Not Available. **B:** Not Available. **T:** No. **vPvB :** Not Available.

vP: Not Available. **vB:** Not Available.

12.6. Endocrine disrupting properties: Not Available.

12.7. Other adverse effects: No known significant effects or critical hazards.

13. **DISPOSAL CONSIDERATIONS**

The waste disposal must be carried out in accordance with the local, regional, autonomous, national legal regulations or of the European Union, which is in force and applicable.

13.1. **Waste treatment methods:**

Reuse or recycle material whenever possible.

Waste must be disposed according to the legal provisions in force.

14. **TRANSPORT INFORMATION:**

Special precautions: Stable at ambient temperature during transport. To avoid spilling, transport in secure containers properly sealed.

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Product not classified as dangerous according to the criteria of the transport regulations.

REQUIREMENT	ADR/RID	ADN/ADNR	IMDG	IATA/DGR
14.1. UN number.	Not Available	Not Available	Not Available	Not Available
14.2. UN proper shipping name.	Not Available	Not Available	Not Available	Not Available
14.3. Transport hazard class(es).	Not Available	Not Available	Not Available	Not Available
14.4. Packing group.	-	-	-	-
14.5. Environmental hazards.	No.	No.	No.	No.
14.6. Special precautions for user.	Not Available	Not Available	Not Available	Not Available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not Apply

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

- Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) no 793/93 and Regulation (EC) No. 1488/94 and Directive 76 / 769/CEE and Council Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. And its subsequent amendments.
- Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, and amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006. And its subsequent amendments.
- The Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

15.2. Chemical safety assessment: Not Available.

16. OTHER INFORMATION

Before doing anything, always must be met and follow guidelines set in the local, regional, autonomous, national legal regulations or of the European Union, which is in force and applicable.

Serve this document to replace any information on the safety data sheets previously communicated, leaving out the validity of the content.

This issue or versions replaces all previous ones.

No action shall be taken involving any personal risk or without suitable training. The information contained herein:

→ It is conforming / correct according to the data that we have knowledge and we believe correct.

→ It is the more correct that we have at the time of transmission.

→ It was performed based on the information provided by our suppliers along the supply chain.

→ It is only valid for the specified material. It may not be valid for such material used in combination with other materials or in any process, unless specified in the text.

However, neither the supplier nor any of its subsidiaries assume any responsibility for the accuracy or completeness of the information contained herein. The final determination regarding the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards -- described

here-, we cannot guarantee that these are the only hazards that exist. This communication is intended to provide information on the health / safety / environment to the users of this mixture, the detailed data provided here do not guarantee the material properties or specifications.

It is the responsibility of the information receiver for the evaluation and transmission to the points of use for the product and / or the following levels of the supply chain.