



Section 1. Product and Company Identification

**Product Name** Hydrogenated Cottonseed Oil  
**CAS Number** 68334-00-9

**Parchem - fine & specialty chemicals**  
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Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**  
Not classified as a hazardous substance or mixture

**US Hazard Classification:** This product is not classified as hazardous in accordance with the OSHA Hazard Communication Standard

**EU Classification:** Not classified as a dangerous substance.

**GHS Label Elements**  
**Pictograms:** N/A  
**Signal word:** None

**Hazard and precautionary statements**  
N/A

**Other Hazards:** Combustible dust in powder form. May form combustible dust concentrations in air.

Section 3. Composition / Information on Ingredients

**Common Name** Hydrogenated Cottonseed Oil  
**CAS Number** 68334-00-9

COMPONENT	CAS NUMBER	CONCENTRATION
Hydrogenated Cottonseed Oil	68334-00-9	100%

Section 4. First Aid Measures

**Description of First-Aid Measures**

**Eye:** Immediately flush with large quantities of water. Obtain medical attention if irritation persists.

**Skin:** Wash with soap and water. Get medical attention if irritation develops.

**Inhalation:** Remove victim to fresh air. Get medical attention if irritation persists.



**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

**Most Important symptoms and effects, both acute and delayed:** Poses little or no health hazard.

**Indication of any immediate medical attention and special treatment needed:** None known

#### Section 5. Firefighting Measures

**Extinguishing Media:** Use water fog or spray, foam, carbon dioxide, or dry chemical.

#### Special Hazards Arising from the Substance or Mixture

**Unusual Fire and Explosion Hazards:** Not considered flammable but will burn under fire conditions. Dust generated in handling this material may present a potential fire and explosion hazard if suspended in air at high concentrations. Settled dust presents a fire hazard. Resuspension of the dust into the air by vibration, traffic, material handling, etc. in high concentrations in the presence of an ignition source could result in a dust explosion. Minimize the generation and accumulation of dust.

**Hazardous Decomposition Products:** Carbon monoxide. Carbon dioxide.

#### Special Protective Actions for Firefighters

**Special Firefighting Procedures:** Do not use heavy stream of water. Burning material may splatter surrounding area and spread fire. Strong water stream may raise dust into the air potentially contributing to an explosive dust atmosphere. Cool fire exposed containers with water.

**Firefighting Equipment:** As in any fire, wear positive pressure, self-contained breathing apparatus, and full protective gear.

#### Section 6. Accidental Release Measures

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Wear appropriate protective equipment.

**Environmental Precautions:** None known

#### Methods and Material for Containment and Cleaning Up

**Small Spill:** Stop spill at source. Vacuum, scoop or sweep up, avoiding the creation of airborne dust. For vacuuming use only explosion-proof equipment. Place in a disposal container.

**Large Spill:** Stop spill at source. Moisten with a light water fog to reduce the generation of airborne dust. Eliminate all ignition sources. Carefully scoop or sweep up and place into an appropriate container for disposal. Prevent run-off to sewers, streams or other bodies of water. Wash floors with hot soapy water to prevent slipping. Report spills and releases as required to appropriate authorities.

**Reference to Other Sections:** None



Section 7. Handling and Storage

**Precautions for Safe Handling:** Avoid breathing dust. Use with adequate ventilation. Avoid contact with the eyes. Wear recommended personal protective equipment. Wash thoroughly after handling. Keep product away from heat, sparks and flames. Keep containers closed when not in use. Minimize the generation of airborne dust in handling. Use good housekeeping to prevent the accumulation of dust in the work area.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a dry area away from heat and flames. Keep containers closed when not in use.

Section 8. Exposure Controls / Personal Protection

**Control Parameters**

Chemical Name	Exposure Limits
Hydrogenated Cottonseed Oil	5 mg/m <sup>3</sup> (respirable dust), 15 mg/m <sup>3</sup> (total dust) TWA OSHA PEL (as PNOC) 4 mg/m <sup>3</sup> (respirable dust), 10 mg/m <sup>3</sup> (total dust) TWA UK WEL 1.5 mg/m <sup>3</sup> (respirable dust), 4 mg/m <sup>3</sup> (inhalable) TWA DFG MAK

**Exposure Controls:**

**Engineering Controls:** Good general ventilation should be sufficient to control airborne levels. If processing or handling creates airborne dust, local exhaust may be required to control exposure levels. Use explosion-proof equipment where required.

**Eye and Face:** Safety glasses or goggles recommended.

**Skin:** Impervious gloves such as rubber or neoprene where needed to avoid prolonged contact.

**Respiratory:** In the presence of dusts, the use of an approved respirator is recommended. Follow applicable regulations and good Industrial Hygiene practice.

**Protective Clothing:** Wear a work uniform or tyvek suit if needed to avoid contamination of personal clothing.

**Work Hygienic Practices:** Remove contaminated clothing and launder or dispose in an approved waste disposal facility. Wash hands with soap and water after handling product or clothing containing residual.

Section 9. Physical and Chemical Properties

**Physical State:** Solid

**Appearance:** Flakes

**Odor:** Sweet vegetable oil odor.

**Percent Volatile:** Not applicable

**pH:** Not determined

**Specific Gravity:** Not available



**Boiling Point:** > 500°F  
**Melting Point:** 140 - 145°F capillary  
**Vapor Pressure:** Not applicable  
**Water Solubility:** Insoluble  
**Vapor Density:** Not applicable  
**Evaporation Rate:** Nil  
**Viscosity:** Not determined  
**Pour Point:** Not determined  
**Flash Point:** > 260°C (> 500°F) (COC)  
**Auto-ignition Temperature:** Not determined  
**Flammable Limits - LEL:** Not determined  
**Flammable Limits - UEL:** Not determined

**Other Information:** None

#### Section 10. Stability and Reactivity

**Reactivity:** Not reactive  
**Chemical Stability:** Stable  
**Possibility of Hazardous Reactions:** Will not occur.  
**Conditions to Avoid:** Keep away from heat, sparks, flames and other sources of ignition.  
**Incompatible Materials:** Oxidizers.  
**Hazardous Decomposition Products:** Carbon monoxide. Carbon dioxide.

#### Section 11. Toxicological Information

##### Information on Toxicological Effects:

**Eye:** May cause slight irritation.  
**Skin:** May cause slight irritation.  
**Skin Absorption:** No evidence of adverse effects from available information.  
**Ingestion:** No evidence of adverse effects from available information.  
**Inhalation:** Dust may be slightly irritating to respiratory tract. Considered a nuisance dust.

##### Acute Toxicity

**Hydrogenated Cottonseed Oil:** No toxicity data available.

**Irritation:** This product is not expected to cause irritation.

**Corrosivity:** This product is not a corrosive material.

**Sensitization:** Hydrogenated Cottonseed Oil: This product is not expected to cause sensitization.

**Repeat Dose Toxicity:** No data available.

**Carcinogenicity:** None of the components of this product are listed as carcinogens by OSHA, IARC, NTP, ACGIH or the EU Dangerous Substance Directive.

**Mutagenicity:** This product is not expected to present a mutagenic hazard.

**Reproductive Toxicity:** No adverse reproductive or teratogenic are expected.



Section 12. Ecological Information

**Toxicity:** No specific data is available. Not expected to be toxic to aquatic organisms.

**Persistence and Degradability:** Expected to be biodegradable.

**Bioaccumulative Potential:** Expected to be biodegradable.

**Mobility in Soil:** Not applicable

**Results of PBT and vPvB Assessment:** Not required.

**Other Adverse Effects:** Not known

Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

	UN Number	UN Proper Shipping Name	Transport Hazard Class	Packing Group	Environmental Hazards
US DOT	None	Not regulated	None	None	N/A
EU ADR/RID	None	Not regulated	None	None	N/A
IMDG	None	Not regulated	None	None	N/A
IATA	None	Not regulated	None	None	N/A

**Special Precautions for User:** None

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable

Section 15. Regulatory Information

**Safety, Health, and Environment Regulations/Legislation Specific for the Substance or Mixture**

**US Regulations**

**EPA SARA 311/312 Hazard Classification:** Not Hazardous

**EPA SARA 313:** This Product Contains the Following Chemicals Subject to Annual **Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372):** None

**Protection of Stratospheric Ozone:** This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

**CERCLA Section 103:** This product is not subject to CERCLA spill reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.



**California Proposition 65:** This product is not known to contain chemicals regulated under Proposition 65.

**Canadian Regulations**

**Canadian WHMIS:** Not a controlled product.

This product has been classified in accordance with the hazard criteria in the CPR and the MSDS contains all the information required by the CPR.

**Chemical Inventories:**

**EPA TSCA Inventory:** All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

**Canadian CEPA:** All of the components are listed on the Canadian DSL.

**EU EINECS:** All of the components are listed on the EINECS inventory.

**Australia:** All of the components are listed on the AICS inventory.

**New Zealand:** All of the components are listed on the New Zealand Inventory of Chemicals

**Korea:** All of the components are listed on the Korean Existing Chemicals Inventory

**Philippines:** All the components are listed in the Philippine Inventory.

**China:** All the components are listed on the Chinese chemical inventory.

**Chemical Safety Assessment:** Not required

**NFPA Rating**

**Health:** 1

**Flammability:** 1

**Reactivity:** 0

Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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