Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 04/28/2015 Reviewed: 1/15/2026

Trade name: Shortening, Fats or Oils

* 1 Identification

· **Product identifier**

· **Trade name: Shortening, Fats or Oils**
· **CAS Number:**
68334-28-1
· **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Ag Processing Inc
12700 West Dodge
Rd. Omaha, NE 68154
Phone: 402-496-7809
· **Emergency telephone number:** 402-496-6688

* 2 Hazard(s) identification

· **Classification of the substance or mixture**
The substance is not classified according to the Globally Harmonized System (GHS).

· **Label elements**
· **GHS label elements** *Non-Regulated Material*
· **Hazard pictograms** *Non-Regulated Material*
· **Signal word** *Non-Regulated Material*
· **Hazard statements** *Non-Regulated Material*
· **Unknown acute toxicity:**
100 percent of the mixture consists of ingredient(s) of unknown toxicity.

· **Classification system:**
· **NFPA ratings (scale 0 - 4)**

Health = 0
Fire = 1
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

Health = 0
Fire = 1
Reactivity = 0

· **Hazard(s) not otherwise classified (HNOC):** None known

* 3 Composition/information on ingredients

· **Chemical characterization: Substances**
· **CAS No. Description**
68334-28-1 Partially Hydrogenated Vegetable Oil

4 First-aid measures

· **Description of first aid measures**
· **General information:** No special measures required.
· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

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· ***After skin contact:***
Wash with soap and water.
Normal first aid procedures for treating burns should be employed if skin comes in contact with hot oil.
Dermatitis could result from prolonged residence on skin of allergy sensitive individuals.
· ***After eye contact:*** Rinse opened eye for several minutes under running water.
· ***After swallowing:*** If swallowed and symptoms occur, consult a doctor.
· ***Information for doctor:***
· ***Most important symptoms and effects, both acute and delayed:*** No further relevant information available.
· ***Indication of any immediate medical attention and special treatment needed***
No further relevant information available.

5 Fire-fighting measures

· ***Extinguishing media***
· ***Suitable extinguishing agents:***
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· ***For safety reasons unsuitable extinguishing agents:*** Water with full jet
· ***Special hazards arising from the substance or mixture***
Rags soaked in any solvent present a fire hazard and should always be stored in UL listed or Factory Mutual approved, covered containers. Improperly stored rags can create conditions that lead to oxidation. Oxidation under certain conditions can lead to spontaneous combustion.
· ***Advice for firefighters***
· ***Protective equipment:***
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

6 Accidental release measures

· ***Personal precautions, protective equipment and emergency procedures*** Product is slippery when spilled.
· ***Environmental precautions:*** Do not allow to enter sewers/ surface or ground water.

· ***Methods and material for containment and cleaning up:***
Absorb with liquid-binding material (ie. sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the collected material according to regulations.
· ***Reference to other sections***
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

· ***Handling:***
· ***Precautions for safe handling*** No special measures required.
· ***Information about protection against explosions and fires:*** No special measures required.

· ***Conditions for safe storage, including any incompatibilities***
· ***Storage:***
· ***Requirements to be met by storerooms and receptacles:*** No special requirements.
· ***Information about storage in one common storage facility:*** Not required.
· ***Further information about storage conditions:*** None.
· ***Specific end use(s)*** No further relevant information available.

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* 8 Exposure controls/personal protection

· ***Additional information about design of technical systems:*** No further data; see section 7.

· ***Control parameters***

· ***Components with occupational exposure limits:***
68334-28-1 Partially Hydrogenated Vegetable Oil (100%)
Under normal uses and conditions, edible oils and fats pose no health hazard. If aspirated as an oil mist the respiratory system may be affected. Oil mist is considered a nuisance particulate by the American Conference of Governmental Industrial Hygienists (ACGIH) who recommend a TLV of 10 ppm

· ***Additional information:*** The lists that were valid during the creation of this SDS were used as basis.

· ***Exposure controls***
· ***Personal protective equipment:***
· ***General protective and hygienic measures:***
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing and wash before reuse.
Breathing equipment: Not required.
· ***Protection of hands:*** Not required
· ***Material of gloves***
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
· ***Penetration time of glove material:*** Not applicable

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* 9 Physical and chemical properties

· **Information on basic physical and chemical properties**
· **General Information**
· **Appearance:**

Form:	Solid or Liquid
Color:	White to Yellow
· **Odor:**	Light vegetable oil
· **Odor threshold:**	Not determined.
· **pH-value:**	Not determined.
· **Change in condition**	
Melting point/Melting range:	3.2-130 °F (typical)
Boiling point/Boiling range:	>300°C @ 0.05 mm Hg >250°C @ 0.001 mm Hg
· **Flash point:**	Not applicable.
· **Flammability (solid, gaseous):**	Not applicable.
· **Ignition temperature:**	
Decomposition temperature:	Not determined.
· **Auto igniting:**	Not determined.
· **Danger of explosion:**	Product does not present an explosion hazard.
· **Explosion limits:**	
Lower:	Not determined.
Upper:	Not determined.
· **Vapor pressure:**	Not determined.
· **Density @ 20 °C (68 °F):**	0.698-0.921 g/cm³ (5.825-7.686 lbs/gal) (liquid)
· **Relative density**	Not determined.
· **Vapor density**	Not determined.
· **Evaporation rate**	Not determined.
· **Solubility in / Miscibility with**	
Water:	Insoluble.
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Viscosity:**	
Dynamic:	Not determined.
Kinematic:	Not determined.
Organic solvents:	0.0 %
Solids content:	100.0 %
· **Other information**	No further relevant information available.

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10 Stability and reactivity

· ***Reactivity*** No further relevant information available.
· ***Chemical stability*** Stable under normal conditions.
· ***Thermal decomposition / conditions to be avoided:*** No decomposition if used according to specifications.
· ***Possibility of hazardous reactions*** No dangerous reactions known.
· ***Conditions to avoid*** No further relevant information available.
· ***Incompatible materials:*** No further relevant information available.
· ***Hazardous decomposition products:*** No dangerous decomposition products known.

*11 Toxicological information

· ***Information on toxicological effects***
· ***Acute toxicity:***
· ***Primary irritant effect:***
· ***on the skin:*** No irritating effect.
· ***on the eye:*** No irritating effect.
· ***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.
The substance is not subject to classification.

· ***Carcinogenic categories***
· ***IARC (International Agency for Research on Cancer)*** Substance is not listed.

· ***NTP (National Toxicology Program)***
Substance is not listed.
· ***OSHA-Ca (Occupational Safety & Health Administration)***
Substance is not listed.

12 Ecological information

· ***Toxicity***
· ***Aquatic toxicity:*** No further relevant information available.
· ***Persistence and degradability*** No further relevant information available.
· ***Behavior in environmental systems:***
· ***Bioaccumulative potential*** No further relevant information available.
· ***Mobility in soil*** No further relevant information available.
· ***Additional ecological information:***
· ***General notes:*** Not known to be hazardous to water.
· ***Results of PBT and vPvB assessment***
· ***PBT:*** Not applicable.
· ***vPvB:*** Not applicable.
· ***Other adverse effects*** No further relevant information available.

13 Disposal considerations

· ***Waste treatment methods***
· ***Recommendation:***
Small quantities can be disposed of with household waste.
Recycle or dispose with household trash.

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· ***Uncleaned packagings:***
· ***Recommendation:*** Disposal must be made according to official regulations.

*14 Transport information

· ***UN-Number***	
· ***DOT, ADN, IMDG, IATA***	Non-Regulated Material
· ***ADR***	Non-Regulated Material Not Regulated
· ***UN proper shipping name***	
· ***DOT, ADR, ADN, IMDG, IATA***	Non-Regulated Material
· ***Transport hazard class(es)***	
· ***DOT, ADR, ADN, IMDG, IATA***	
· ***Class***	Non-Regulated Material
· ***Packing group***	
· ***DOT, ADR, IMDG, IATA***	Non-Regulated Material
· ***Environmental hazards:***	Not applicable.
· ***Special precautions for user***	Not applicable.
· ***Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code***	Not applicable.
· ***UN "Model Regulation":***	-

*15 Regulatory information

· ***Safety, health and environmental regulations/legislation specific for the substance or mixture***
· ***Sara***

· ***Section 355 (extremely hazardous substances):***
Substance is not listed.
· ***Section 313 (Specific toxic chemical listings):***
Substance is not listed.
· ***TSCA (Toxic Substances Control Act):***
Substance is listed.

· ***California Proposition 65***

· ***Chemicals known to cause cancer:***
Substance is not listed.
· ***Chemicals known to cause reproductive toxicity for females:***
Substance is not listed.
· ***Chemicals known to cause reproductive toxicity for males:***
Substance is not listed.
· ***Chemicals known to cause developmental toxicity:***
Substance is not listed.

· ***Carcinogenic categories***

· ***EPA (Environmental Protection Agency)***
Substance is not listed.
· ***TLV (Threshold Limit Value established by ACGIH)***
Substance is not listed.

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· ***NIOSH-Ca (National Institute for Occupational Safety and Health)***
Substance is not listed.

· ***GHS label elements***
Non-Regulated Material
· ***Hazard pictograms***
Non-Regulated Material

· ***Signal word***
Non-Regulated Material

· ***Hazard statements***
Non-Regulated Material

· ***National regulations:***
Substance is not listed.
· ***State Right to Know***
Substance is not listed.

· ***Chemical safety assessment:*** A Chemical Safety Assessment has not been carried out.

16 Other information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· ***Date of preparation / last revision*** 04/28/2015 /
· ***Abbreviations and acronyms:***
ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
· **** Data compared to the previous version altered.***
SDS created by MSDS Authoring Services www.msdsauthoring.com (877) 204-9106