

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : Clear Liquid Frying Shortening
Product Number : 45532
Brand : Ventura
Supplier : Ventura Foods, LLC
40 Pointe Drive
Brea, CA 92821
Telephone : (800) – 421 - 6257
Fax :
Emergency Phone # For both supplier : CHEMTREC: (800) – 424-9300
and manufacturer)
Preparation Information : Edward K. Wellmeyer
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2. HAZARDS IDENTIFICATION

Emergency Overview

Spontaneous combustion (fire) may result from oil soaked materials such as rags, steel wool, paper and clothing. Place soaked materials in a sealed, metal container to prevent this.

APPEARANCE

Light Yellow

PHYSICAL STATE

Liquid

ODOR

Slight Vegetable Oil

If smoking occurs from oil usage, reduce or remove from heat.

OSHA Hazards

No Known OSHA hazards

Not a dangerous substance according to GHS.

HMIS Classification

Health Hazard: 0
Flammability: 1
Physical Hazards: 0

NFPA Rating

Health Hazard: 0
Fire: 1
Reactivity Hazard: 0

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes May cause eye irritation.
Ingestion May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms :Soybean oil 99.5 – 100% CAS# 8001-22-7
TBHQ (<150ppm)
Dimethylpolysiloxane (1-3 ppm)

No ingredients are hazardous according to OSHA criteria.

4. FIRST AID MEASURES

If inhaled

Move to fresh air in case of accidental inhalation of vapors or decomposition products. If, symptoms persist, call physician. If not breathing give artificial respiration, call 911.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water or special eyewash (rinse solution). Include eye lids, for 15 minutes.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Ingestion of edible vegetable oil is non toxic and should pass through system. If issues arise seek medical attention. Do not induce vomiting.

5. FIREFIGHTING MEASURES

Conditions of flammability

Materials may pose fire hazard because it is dispersed or spread by water. Soybean oil fire point >625°F.

Suitable extinguishing media

Alcohol-resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding area.

Special protective equipment for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Specific Hazards Arising from the Chemical Oil

Risk of ignition. Rags and other materials containing this product may heat and spontaneously ignite, if exposed to air. Store wiping rags and similar materials in metal cans with tightly fitting lids. Cool closed containers exposed to fire with water spray. Avoid hot oil, if smoking occurs during application reduce or remove from heat.

Hazardous combustion products

Hazardous decomposition products formed under fire conditions. – Nature of decomposition products not known.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid breathing vapors, mist or gas. Recommend exhaust fans over grills and deep frying.

Environmental precautions

Prevent heat leakage or spillage if safe to do.

Dispose per local, state regulations.

Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal. Dispose of cotton rags used in clean up. Remember oil soaked or partially cleaned material may spontaneously combust.

7. HANDLING AND STORAGE

Conditions for safe storage

Ensure adequate dry, well ventilated storage area between 40-100°F. Clean up any spillage to avoid accidents immediately.

Combustible conditions

Keep away from open flames, hot surfaces and sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment**Respiratory protection**

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Oil in eye must be flushed with water continuously or special first aid eye wash.

Skin and body protection

Impervious clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. (deep-frying or grill) operator must use non-absorbent apron etc, when dealing with hot oil.

Hygiene measures

General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form clear, liquid
Color light yellow

Safety data

pH NA
Specific gravity @ 0.914 – 0.920 (H₂O = 1)
point/freezing point no data available
Smoke point >450°F
Flash point > 540°F (closed up)
Ignition temperature >625°F
Auto-ignition >640°F
Lower explosion limit no data available
Upper explosion limit no data available
Vapor pressure <0.1 mm Hg at 300°C
Density 0.917 g/cm³ at 25 °C (77 °F)
Water solubility Insoluble
Partition coefficient: n-octanol/water no data available
Relative vapor no data available
Density no data available
Odor slight vegetable oil odor
Odor Threshold no data available
Evaporation rate <1 (Butyl acetate = 1.0)

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions. (<100°F)

Cooking and frying temperature >450°F, Oil will smoke, reduce or remove from heat source when smoking occurs.

Possibility of hazardous reactions

None known. Hazardous polymerization does not occur.

Conditions to avoid

None known.

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.

Other decomposition products - no data available

Cotton rags used for clean –up (clean or contaminated) can combust if conditions are adequate. Keep in safe place or dispose of Cotton rags after usage in an enclosed metal container.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50

Inhalation LC50

no data available

Dermal LD50

no data available

Other information on acute toxicity

LD50 Intravenous - rat - 16,500 mg/kg

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

no data available

Teratogenicity

no data available

Specific target organ toxicity - single exposure (Globally Harmonized System)

no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System)

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation **May be harmful if inhaled. May cause respiratory tract irritation.**

Ingestion **May be harmful if swallowed.**

Skin **May be harmful if absorbed through skin. May cause skin irritation.**

Eyes **May cause eye irritation.**

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects

no data available

Additional Information

12. ECOLOGICAL INFORMATION

Toxicity

Contains no substances known to be hazardous to the environment. Contains no substances known to be not degradable in waste treatment facilities.

Persistence and degradability

Ready biodegradable

Bioaccumulative potential

no applicable

Mobility

Oil is insoluble in water and will float in water

PBT and vPvB assessment

no data available

Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

Whenever possible, as rules and regulations allow, please recycle or manage materials to minimize waste.

Waste Disposal Methods Dispose of in compliance with the laws and regulations pertaining to this product in your jurisdiction. Oil soaked materials may spontaneously combust and should be properly managed to avoid ignition and heat sources or oxygen rich environments. Collect and store soaked materials in closed, metal containers to help prevent combustion.

Contaminated Packaging Empty containers should be decontaminated and taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

DOT (US) and Canada (TDG)

Not dangerous goods – Not regulated

IMDG

Not dangerous goods – Not regulated

ICAO - Not regulated

IATA

Not dangerous goods – Not regulated

15. REGULATORY INFORMATION

International Inventories

The components of this product are reported in the following inventories:

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	AICS	ENCS ISHL	CHINA	PICCS	KECL	NZLoC
Soybean Oil	Yes	Yes	No	No	No	No	No	Yes	No	Yes KE-26952	Yes

Legend

TSCA - Toxic Substances Control Act, Section 8(b) Inventory (USA). DSL - Domestic Substance List (Canada). NDSL - Non Domestic Substances List (Canada). EINECS - European Inventory of Existing Commercial Chemical Substances (EU). ELINCS - European List of Notified Chemical Substances (EU). AICS - Australian Inventory of Chemical Substances (Australia). ENCS - Existing and New Chemical Substances (Japan). ISHL - Industrial Health and Safety Law (Japan). CHINA - Chinese Inventory of Existing Chemical Substances (China). PICCS - Inventory of Chemicals and Chemical Substances (Philippines). KECL - Korean Existing and Evaluated Chemical Substances (Korea). NZLoC - New Zealand Inventory of Chemicals (New Zealand).

USA

OSHA Hazards

No known OSHA hazards

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Soybean oil extractives and their physically modified derivatives. it consists primarily of glycerides of the fatty acids linoleic, CAS-No.

8001-22-7

Revision Date

1989-08-11

New Jersey Right To Know Components

Soybean oil extractives and their physically modified derivatives. it consists primarily of glycerides of the fatty acids linoleic, CAS-No.

8001-22-7

Revision Date

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification either expressed or implied. The information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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