NFPA	WHMIS	Personal Protective Equipment	Transport Symbol

SAFETY DATA SHEET

Version 1.0
Revision Date: New
Print Date: 1/1/14

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	:	**Mel Fry Free Oil**
Product Number	:	18784
Brand	:	Ventura, Lou Ana
Supplier	:	Ventura Foods, LLC 40 Pointe Drive Brea, CA 92821
Telephone	:	(800) – 421 - 6257
Fax	:	
Emergency Phone # For both supplier and manufacturer)	:	CHEMTREC: (800) – 424-9300
Preparation Information	:	Edward K. Wellmeyer ewellmeyer@venturafoods.com

Use of the substance: Food Ingredient , Industrial.

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	PHYSICAL STATE	ODOR
Light Yellow	Liquid	Slight Vegetable Oil

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

This product is NOT classified as hazardous according to CFR 1910, amended to conform to the United Nations' Globally Harmonized System of Classification and Labeling of Chemicals (OSHA / GHS); SOR/88-66, the Canadian Controlled Products Regulations (CPR); and/or NOM-002-SCT-2003 (Mexico). However, vegetable oil (in mist form) is known to be listed as an OSHA 29 CFR 1910.1000 Air Contaminant. Occupational exposure limits are subsequently provided in section 8 of this SDS.

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	50%	CAS# 8001-22-7
	Canola oil	50%	CAS# 8002-13-9
	Anti-oxidant		

No ingredients are hazardous according to OSHA criteria. All ingredient are on FDA GRAS (generally recognized as safe) list.

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 oil (soybean/canola) fire point >645°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.

NFPA	HEALTH	: 0	STABILITY & REACTIVITY : 0	
	FLAMMABILITY	: 1	PHYSICAL HAZARD	

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

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

Environmental precautions

Prevent further leakage or spillage , do not allow product to reach soil, sewage, or any water source.

Dispose per local, state and federal regulations.

Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal. Dispose of 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 60-80°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	@ 0.910 – 0.925 (H20 = 1)
point/freezing point	no data available
Smoke point	>450°F
Flash point	> 615°F
Ignition temperature	> 645°F
Auto-ignition	not auto flammable
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 /Flavor	slight vegetable oil odor/ Bland Flavor
Odor Threshold	no data available
Evaporation rate	<1 (Butyl acetate = 1.0)

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions. (<120°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 & other types of material rags used for clean –up (cleaned or contaminated) can combust if conditions are adequate. Keep in safe place or dispose of rags after usage in an enclosed metal container.

11. TOXICOLIGICAL INFORMATION

Acute toxicity

Oral LD50

Inhalation LC50

no data available

Dermal LD50

no data available

Other information on acute toxicity

LD50 Intravenous – no data available

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. May cause GI tract disturbance.**
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. Follow local, state and federal guidelines.

14. TRANSPORT INFORMATION

DOT (US) and Canada (TDG) and Mexico (MEX)
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 & Canola oil	Yes	Yes					No	Yes	No	Yes	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 & 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 & 8002-13-9
Clean Air Act, Section 112 Hazardous Air pollutants (HAPs) (see 40 CFR 61) ..Product is not known to contain HAPS.
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.

Canada
Domestic transport regulations (Canada)
WHMIS Product Classification
Not a WHMIS controlled product.
15. REGULATORY INFORMATION
WHMIS Ingredient Disclosure List IDL
No known component is listed on the WHMIS ingredients disclosure list.

(NPRI) Canadian National Pollutant Release Inventory
No known component is listed on NPRI.
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

MEXICO
Mexico - Grade Slight risk, Grade 1

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.

The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, express or implied, regarding its correctness or accuracy. Since the conditions of use handling, storage and disposal of this product are beyond our control; it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or exposure due to improper use of this product.

Key for Abbreviations and Acronyms
ACGIH TLV - American Conference of Governmental Industrial Hygienists Threshold Limit Values
AICS - Australian Inventory of Chemical Substances (Australia)
CAS - Chemical Abstract Service
CHINA - Chinese Inventory of Existing Chemical Substances (China)
DOT - U.S. Department of Transportation
DSL - Domestic Substance List (Canada)
EINECS - European Inventory of Existing Commercial Chemical Substances (EU)
ELINCS - European List of Notified Chemical Substances (EU)
ENCS - Existing and New Chemical Substances (Japan) / ISHL - Industrial Health and Safety Law (Japan)
GHS - Globally Harmonized System of Classification and Labeling of Chemicals
IATA - International Air Transport Association Dangerous Goods Regulations
ICL - In Commerce List (Canada)
IMDG - International Maritime Dangerous Goods Code
IMO - International Maritime Organization
KECL - Korean Existing and Evaluated Chemical Substances (Korea)
LC50 - Lethal concentration that produces fatalities in 50% of a given test population
LD50 - Median lethal dose of a given test population
MEX - NOM-002-SCT/2003 List of Hazardous Substances and Materials Most Commonly Transported
MEXICO - México Occupational Exposure Limits
NDSL - Non Domestic Substances List (Canada)
NFPA - National Fire Protection Association
NIOSH - National Institute of Occupational Safety and Health
NZIoC - New Zealand Inventory of Chemicals (New Zealand)
OSHA - Occupational Safety & Health Administration
OSHA PEL - Occupational Safety and Health Administration Permissible Exposure Limits
PICCS - Inventory of Chemicals and Chemical Substances (Philippines)
STOT - Specific Target Organ Toxicity
TDG - Transportation of Dangerous Goods (Transport Canada)
TSCA - Toxic Substances Control Act, Section 8(b) Inventory (USA)
TWA - Time Weighted Average: Average concentration that should not be exceeded during a work day (usually 8-hours)
WHMIS - Workplace Hazardous Materials Information System