



Safety Data Sheet

Transport Symbol	WHMIS	NFPA	Personal Protective Equipment
Not Controlled	Not Controlled		

Original Preparation Date: 03/30/2015

Revision Date: New

Revision Number: 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name:

Coconut-Lecithin Blend

Product Code:

318

Use of the Substance/Preparation:

Food Ingredient

Contact Manufacturer:

Mallet and Company, Inc.
51 Arch Street Extension
Carnegie, PA 15106
Telephone Number: 800-245-2757

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. This product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance

Slight Yellow

Physical State

Semisolid

Odor

Slight Vegetable Oil

This product is NOT classified as hazardous according to 29 CFR 1910, amended to conform to the United Nations' Globally Harmonized System of Classification and Labelling of Chemicals (OHS/A/GHS); SOR/88-66, the Canadian Controlled Products Regulations (CPR); and/or NOM-002-SCT-2003 (Mexico). However, vegetable oils and their blends (in mist form) are 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation: Mixtures of vegetable oil and lecithin. All ingredients are food grades. None of the ingredients in the product are classified as hazardous according to 29 CFR 1910.

4. FIRST AID MEASURES

Description of first aid measures

General Advice Contains soy. May produce an allergic reaction. When symptoms persist or in all cases of doubt seek medical advice.

Eye Contact Rinse thoroughly with plenty of water, also under the eyelids.

Skin Contact Wash off with warm water and soap.

Inhalation Move to fresh air.

Ingestion No special measures required. Health injuries are not known or expected under normal use.

Most important symptoms and affects, both acute and delayed

Eyes Not expected to pose health issues for the eye

Skin Prolonged or excessive contact with skin may result in mild irritation, however, significant health injuries are not expected under normal use.

Inhalation Health injuries are not known or expected under normal use. When in the form of an airborne mist, refer to section 8 of this sheet for exposure limits pertaining to "vegetable oil mist". Excessive inhalation of mist may result in respiratory irritation.

Ingestion Health injuries are not known or expected under normal use. Overexposure may cause: Gastrointestinal disturbance.

Indication of any immediate medical attention and special treatment needed

Note to Physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties

Material may pose fire hazard because it is dispersed (or spread) by water.

Extinguishing media

Suitable Extinguishing Media Dry chemical. Dry chemical powder. Carbon dioxide (CO₂). Foam. Sand. Fog. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture

Hazardous Combustion Products Thermal decomposition can lead to release of irritating gases and vapors, Acrolein, Carbon monoxide (CO), Carbon dioxide (CO₂), Smoke, Fumes.

Specific Hazards Arising From the Chemical 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.

Sensitivity to mechanical impact No information available.

Sensitivity to static discharge No information available.

Advice for fire-fighters

Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA

Health 0
Flammability 1

Stability and Reactivity 0
Physical Hazard None known



6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid high pressure washing or generation of aerosols. Material can create slippery conditions.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not allow product to reach soil, sewage system or any water course.

Methods for Clean-up

Dam up. Soak up with inert absorbent material. Use dry spill kit material or sand, collect in appropriate containers. For disposal information see section 13. Clean contaminated surface thoroughly.

Other information

Oil soaked materials may spontaneously combust.

7. HANDLING AND STORAGE

Handling

Ensure adequate ventilation. Do not use pressure to empty drums. Keep away from open flames, hot surfaces and sources of ignition.

Storage

Keep in a cool sheltered place. To maintain product quality, do not store in heat or direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

As an airborne mist containing vegetable oil, exposure limits pertaining to "vegetable oil mist" have been provided below.

Chemical Name	ACGIH TLV	OSHA PEL	Mexico	NIOSH
Vegetable Oil Mist	TVL: 10 mg/m(3)	TWA: 5 mg/m ³ mist, respirable fraction TWA: 15 mg/m ³ mist, total	TWA: 10 mg/m ³ except irritant oils	TWA: 10 mg/m ³ total mist TWA: 5 mg/m ³ respirable mist

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

Personal Protective Equipment**Eye/Face Protection**

If exposed to airborne mist, or if splashing is possible, appropriate safety glasses with side-shields or safety goggles are recommended.

Skin and Body Protection

Oil resistant gloves are recommended. Appropriate body protection should be selected based on activity and possible exposure. Also take into consideration the specific local conditions under which the product is used.

Respiratory Protection

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light yellow to dark yellow
Physical State	Liquid
Odor	Slight Vegetable Oil
Odor Threshold	Not applicable
pH	Not applicable
Flash Point	>500°F
Autoignition Temperature	Not auto-flammable
Boiling Point	No information available
Melting/Freezing Point	No Information available
Decomposition Temperature	No information available
Oxidizing Properties	Not expected to be oxidizing
Water Solubility	Insoluble

Solubility(ies)	Soluble in many organic solvents
Evaporation Rate	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Specific Gravity/Relative Density	0.85 – 0.95
Viscosity	No information available
Partition Coefficient (n-octanol/water)	No information available

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Possibility of Hazardous Reactions None under normal processing

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

Incompatible Materials No materials to be especially mentioned.

Hazardous Decomposition Products Thermal decomposition leads to formation of acrolein, carbon monoxide (CO), carbon dioxide (CO₂), smoke and fumes.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity	Based on available data, no evidence of acute toxicity.
Skin corrosion/irritation	Based on available data, not, or only slightly irritating.
Serious eye damage/eye irritation	Based on available data, no evidence of serious eye damage/irritation.
Respiratory or skin sensitisation	Based on available data, not expected to be a skin or respiratory sensitiser.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, no evidence of carcinogenicity.
Reproductive toxicity	Based on available data, no evidence of reproductive toxicity.
STOT – single exposure	Based on available data, the classification criteria are not met.
STOT- repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, no known aspiration hazard.

Potential Health Effects

Eyes	Not expected to pose health issues for the eye.
Skin	Prolonged or excessive contact with skin may result in mild irritation, however, significant health injuries are not expected under normal use.
Inhalation	Health injuries are not known or expected under normal use. When in the form of an airborne mist, refer to section 8 of the sheet for exposure limits pertaining to "vegetable oil mist". Excessive inhalation of mist may result in respiratory irritation.
Ingestion	Health injuries are not known or expected under normal use. Overexposure may cause: Gastrointestinal disturbance.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not classified for aquatic toxicity.

Persistence/Degradability

Readily biodegradable.

Mobility

The product is insoluble and floats on water.

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**Domestic transport regulation (USA)**

DOT Not regulated

Domestic transport regulations (Canada)

TDG Not regulated

Domestic transport regulations (Mexico)

MEX Not regulated

International transport regulations

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

Information not available

16. OTHER INFORMATION

Prepared By: Mallet and Company, Inc.

Original Preparation Date: 03/30/2015

Revision Date:

Revision Number:

Reason for revision: New SDS format. This version replaces all previous versions.

The information provided on this (M)SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Sheet