



RMA#
2124CH23

Safety Data Sheet

Version 1.0

Revision Date 5/25/15

Section 1: Identification

- Product identifier: Used Cooking Oil
- Other Means of Identification: used Fryer Oil, Kitchen Grease
- Recommended use: feedstock for biodiesel manufacturing, livestock feed ingredient
- Producer: Mendota Agri-Products
Address: P.O. Box 439
448 North 3973rd. Road
Mendota, Illinois 61342
- Telephone: (815)-539-5633
- Contact person: Jack Webb
e-mail: jackw@mendag.com
- Emergency Contact
24 hour emergency: 815-791-1009
Chemtrec: 800-424-9300

Section 2: Hazard(s) Identification

- Hazard classification: Product is not classified as a hazardous material
- Hazard statement: Product is not classified as a hazardous material
- GHS label elements including precautionary statement: Product is not classified as a hazardous material
- Description of any hazards not otherwise classified: None
- HMIS ratings: Health-0, Fire-1, Reactivity-0
- Exposure limits: N/A



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Section 3: Composition/Information on Ingredients

- Chemical name: triglycerides; triglycerol & fatty acid chains
 - Common name and synonyms: Used cooking oil, yellow grease, kitchen grease
 - Chemical Abstracts Service: N/A
 - Concentration: > 98%
- Chemical name: Ethoxyquin
 - Common name and synonyms: stabilizer
 - Chemical Abstracts Service: 91-53-2
 - Concentration: < 0.25%

Section 4: First-Aid Measures

- Inhalation: Move person to fresh air. If not breathing, give artificial respiration.
- Skin contact: Wash off with soap and plenty of warm water, treat for potential burns if product is at elevated temperatures
- Eye contact: flush eyes with water as a precaution.
- Ingestion: rinse mouth with water. Never give anything by mouth to an unconscious person.
- Most important symptoms or effects, both acute or delayed: As described in the labeling (section 2) and/or in section 11
- Recommendations for immediate medical care and special treatment needed, when necessary: No data available



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Section 5: Fire-Fighting Measures

- Suitable extinguishing equipment: dry chemical, carbon dioxide. Do not use water as this could cause ignited oil to splash and spread.
- Special hazards caused by combustion: CO and CO₂, excessive smoke
- Recommendations on special protective equipment or precautions for firefighters: Wear self contained breathing apparatus if necessary

Section 6: Accidental Release Measures

- Personal precautions: spills can create slip hazards. If product is hot, it can pose burn hazard. Avoid breathing vapors or mist. For personal protection, see section 8.
- Emergency procedures: Prevent material from entering drains and waterways.
- Methods and materials used for containment: standard spill containments, drain covers
- Cleanup procedures: use absorbents to corral spill. Material can be vacuumed up if liquid or shoveled if solid. Use alkaline detergent to clean residual material. Recycle or dispose of recovered material per local, state and federal regulations.

Section 7: Handling and Storage

This section provides guidance on the safe handling practices and conditions for safe storage of chemicals. The required information consists of:

- Precautions for safe handling:
 - Strong oxidizing acids may cause sufficient heat to ignite product, flammable hydrogen is generated when mixed with alkali metals and hydrides
 - When handling outside, use appropriate spill containment to prevent product from entering drains or waterways
 - Follow general industrial hygiene practices
- Recommendations on the conditions for safe storage:
 - Store in properly vented, leak free, secured vessel.
 - Strong oxidizing acids may cause sufficient heat to ignite product, flammable hydrogen is generated when mixed with alkali metals and hydrides.



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Section 8: Exposure Controls/Personal Protection

- OSHA Permissible Exposure Limits (PELs).
 - Product mist is classified as a nuisance particulate by ACGIH
- Threshold Limit Values (TLVs)
 - Liquid none, liquid mist 10mg/m³ total particulate
 - Sensitive individual may experience dermatitis after long exposure to skin
- Appropriate engineering controls:
 - Product does not have an occupational exposure limit value
 - General industrial hygiene practices
- Recommendations for personal protective measures:
 - Eye protection tested and approved by NIOSH or EN 166
 - slip resistant PVC boots
 - Nitrile/PVC gloves.
- Any special requirements for PPE: None

Section 9: Physical and Chemical Properties

- Appearance: Yellow to light brown liquid, may begin to solidify at temperatures below 90F
- Upper/lower flammability or explosive limits: N/D
- Odor: N/D
- Vapor pressure: N/D
- Odor threshold: N/D
- Vapor density: Exceeds 1.0
- pH N/A
- Relative density: 0.917 g/ml @77F
- Melting point/freezing point: 50F-105F
- Solubility in Water: Insoluble
- Initial boiling point and boiling range: N/D
- Flash point: >500F
- Evaporation rate: N/D
- Flammability (solid, gas): N/D
- Upper/lower flammability or explosive limits: N/D
- Vapor density: N/D
- Partition coefficient: n-octanol/water: N/D
- Auto-ignition temperature: N/D
- Decomposition temperature: N/D
- Viscosity.



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Section 10: Stability and Reactivity

- Reactivity
 - N/D
- Chemical Stability
 - Stable under recommended storage conditions, Ethoxyquin may be used to prevent rancidity
- Possibility of Hazardous Reactions
 - Hazardous reaction may occur when exposed to strong oxidizing agents. Sufficient heat can be produced by exothermic reaction to ignite product.
 - Product will not polymerize
- Conditions to avoid: None
- Incompatibility
 - Strong oxidizing agents
- Hazardous decomposition products:
 - CO and CO₂ during combustion

Section 11: Toxicological Information

- Acute toxicity
 - Inhalation: N/D
 - Dermal: N/D
- LD₅₀ intravenous- rat 16,500 mg/
- Skin corrosion/irritation: N/d
- Serious eye damage/eye irritation: N/D
- Respiratory or skin sensitization: N/D
- Germ cell mutagenicity: N/D
- Carcinogenicity
 - IARC- No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed carcinogen
 - ACGIH- No component of this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen
 - NTP- No component of this product is present at levels greater than or equal to 0.1% is identified as a known carcinogen or anticipated carcinogen
 - OSHA- No component of this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen\
- Reproductive toxicity: N/D
- Specific target organ toxicity-single exposure: N/D



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- Specific target organ toxicity-repeated exposure: N/D
- Aspiration hazard: N/D

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

Section 12: Ecological Information (non-mandatory)

Section 13: Disposal Considerations (non-mandatory)

Section 14: Transport Information (non-mandatory)

Section 15: Regulatory Information (non-mandatory)

Section 16: Other Information

This is the initial version of SDS