1. Identification

Product identifier: Edible Lard

Other means of identification:
- Product code: Rendered Porcine Fat
- Recommended use: Food products.
- Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information:
- Company name: Cargill Meat Solutions
- Address: 151 N. Main
  Wichita, KS 67201 US
  US
- Telephone: 316-291-2500
- E-mail: Not available.
- Contact person: Mike Wiens
- Emergency phone number: 316-291-2500

2. Hazard(s) identification

Physical hazards: Not classified.

Health Hazards: Not classified.

OSHA defined hazards: Not classified.

Label elements:
- Hazard symbol: None.
- Signal word: None.
- Hazard statement: The mixture does not meet the criteria for classification.

Precautionary statement:
- Prevention: Observe good industrial hygiene practices.
- Response: Wash hands after handling.
- Storage: Store away from incompatible materials.
- Disposal: Dispose of waste and residues in accordance with local authority requirements.

3. Composition/information on ingredients

Mixtures:
The components are not hazardous or are below required disclosure limits.

4. First-aid measures

Inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Skin contact: Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Eye contact: Rinse with water. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

Most important symptoms/effects, acute and delayed:
- Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed:
- Treat symptomatically.
General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media

- Water fog
- Foam
- Dry chemical powder
- Carbon dioxide (CO2)

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions

Move containers from fire area if you can do so without risk.

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

General fire hazards

No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

The product is immiscible with water and will spread on the water surface.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Use care in handling/storage.

Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

No exposure limits noted for ingredient(s).

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection

Wear appropriate chemical resistant gloves.

Other

Wear suitable protective clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. No personal respiratory protective equipment normally required.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Slight yellow liquid.

Physical state

Liquid.
### 1. Form and Color
- **Form:** Liquid.
- **Color:** Slight yellow.

### 2. Odor and Odor Threshold
- **Odor:** Slight butter
- **Odor threshold:** Not available.

### 3. pH and Melting/Freezing Point
- **pH:** Not available.
- **Melting point/freezing point:** 95 °F (35 °C)

### 4. Initial Boiling Point and Boiling Range
- **Initial boiling point and boiling range:** Not available.

### 5. Flash Point
- **Flash point:** 525.0 °F (273.9 °C) Open Cup

### 6. Evaporation Rate
- **Evaporation rate:** 0 BuAc

### 7. Flammability (solid, gas)
- **Flammability (solid, gas):** Not available.

### 8. Upper/lower flammability or explosive limits
- **Flammability limit - lower (%):** Not available.
- **Flammability limit - upper (%):** Not available.
- **Explosive limit - lower (%):** Not available.
- **Explosive limit - upper (%):** Not available.

### 9. Vapor Pressure
- **Vapor pressure:** Not available.

### 10. Relative Density
- **Relative density:** 0.895

### 11. Solubility(ies)
- **Solubility (water):** Insoluble

### 12. Partition Coefficient
- **Partition coefficient (n-octanol/water):** Not available.

### 13. Auto-ignition Temperature
- **Auto-ignition temperature:** Not available.

### 14. Decomposition Temperature
- **Decomposition temperature:** Not available.

### 15. Viscosity
- **Viscosity:** Not available.

### 16. Stability and Reactivity
- **Reactivity:** The product is stable and non-reactive under normal conditions of use, storage and transport.
- **Chemical stability:** Material is stable under normal conditions.
- **Possibility of hazardous reactions:** No dangerous reaction known under conditions of normal use.
- **Conditions to avoid:** Contact with incompatible materials.
- **Incompatible materials:** Strong oxidizing agents.
- **Hazardous decomposition products:** No hazardous decomposition products are known.

### 17. Toxicological Information
#### Information on likely routes of exposure
- **Inhalation:** No adverse effects due to inhalation are expected.
- **Skin contact:** No adverse effects due to skin contact are expected.
- **Eye contact:** Direct contact with eyes may cause temporary irritation.
- **Ingestion:** Expected to be a low ingestion hazard.

#### Symptoms related to the physical, chemical and toxicological characteristics
- Direct contact with eyes may cause temporary irritation.

#### Information on toxicological effects
- **Acute toxicity:** Not available.
- **Skin corrosion/irritation:** Prolonged skin contact may cause temporary irritation.
- **Serious eye damage/eye irritation:** Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitization

- Respiratory sensitization: Not available.
- Skin sensitization: This product is not expected to cause skin sensitization.

Germ cell mutagenicity

- No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity

- This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

- Not listed.

Reproductive toxicity

- This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure

- Not classified.

Specific target organ toxicity - repeated exposure

- Not classified.

Aspiration hazard

- Not available.

Further information

- This product has no known adverse effect on human health.

12. Ecological information

Ecotoxicity

- The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability

- No data is available on the degradability of this product.

Bioaccumulative potential

- No data available.

Mobility in soil

- No data available.

Other adverse effects

- No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions

- Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Local disposal regulations

- Dispose in accordance with all applicable regulations.

Hazardous waste code

- The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products

- Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging

- Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

- Not regulated as dangerous goods.

IATA

- Not regulated as dangerous goods.

IMDG

- Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Not established.

15. Regulatory information

US federal regulations

- This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. One or more components are not listed on TSCA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

- Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

- Not listed.
CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
- Immediate Hazard - No
- Delayed Hazard - No
- Fire Hazard - No
- Pressure Hazard - No
- Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations

- Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
  Not regulated.
- Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
  Not regulated.
- Safe Drinking Water Act (SDWA)
  Not regulated.

US state regulations

- US. Massachusetts RTK - Substance List
  Not regulated.
- US. New Jersey Worker and Community Right-to-Know Act
  Not listed.
- US. Pennsylvania Worker and Community Right-to-Know Law
  Not listed.
- US. Rhode Island RTK
  Not regulated.
- US. California Proposition 65
  California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.
- US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
  Not listed.

International Inventories

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</table>

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date: 26-September-2014
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