MATERIAL SAFETY DATA SHEET

MANUFACTURER INFORMATION
Name: Omega Protein, Inc.                Emergency Phone No: (800)345-8805
Address: 2105 City West Blvd, Suite 500 Information Phone No: (800)345-8805
Houston, TX 77042-2838                    Preparation Date: 6 February 2014

PRODUCT IDENTIFICATION
Product Name: Virginia Prime Gold ® Menhaden Fish Oil
             Omega Equis ®

Product Use: Animal Feeds, Industrial Uses, and Food Uses
CAS Name: Menhaden Fish Oil
CAS Registration No: 8002-50-4
NIOSH Registry No: Not Registered

SHIPPING INFORMATION
DOT (HAZMAT) Proper Shipping Name: None
ID#: None
DOT Label: None
U.S. Surface Freight Classification: None
Pollutant Category: D
Group #: 34
CHRIS Code: OFS
The information provided herein is a compilation of known or suspected information about the materials from various sources and is offered for the benefit and convenience of product customers and handlers. The information is SPECIFICALLY NOT WARRANTED by Omega Protein, Inc. either to its comprehensiveness, correctness, sufficiency, or scientific accuracy.

**NFPA Rating**

<table>
<thead>
<tr>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
<th>Special Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>0</td>
<td>NA</td>
</tr>
</tbody>
</table>

**HAZARDOUS COMPONENTS**

<table>
<thead>
<tr>
<th>Specific Chemical Identity</th>
<th>CAS Reg #</th>
<th>Inclusion Rate</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
<td>NA</td>
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</tbody>
</table>

**PHYSICAL CHARACTERISTICS**

- **Boiling Point**: >250°C
- **Vapor Pressure (mm Hg)**: unknown
- **Vapor Density (Air = 1)**: unknown
- **Water Solubility**: Negligible
- **Physical State**: Liquid
- **pH**: unknown
- **Specific Gravity (H₂O=1)**: 0.930
- **Melting Point**: 10 - 15°C
- **Evaporation Rate (Butyl Acetate =1)**: unknown
- **Appearance**: Oily liquid
- **Color**: Turbid, yellow to amber
- **Odor**: Fishy

**FIRE AND EXPLOSION HAZARD**

- **Flash Point (Method)**: >300°F (closed cup)
- **Smoke Point**: >320°F
- **Fire Point**: >650°F
- **Flammable Limits (LEL / UEL)**: unknown
- **Extinguishing Media**: Class "B" fire extinguishers: foam, CO₂, dry chemical, etc.
- **Special Fire Fighting Procedures**: None
- **Unusual Fire and Explosion Hazards**: None
- **Auto Ignition Temperature**: unknown
- **Auto Decomposition Temperature**: unknown
REACTIVITY
Stability: ☑ Stable ☐ Unstable
Conditions to Avoid: Avoid introducing pure oxygen
Incompatibility (Materials to Avoid): Pure Oxygen
Hazardous Decomposition or By Products: unknown
Hazardous Polymerization: ☐ May Occur ☑ Will Not Occur
Conditions to Avoid: NA

HEALTH HAZARD DATA
Routes of Entry: ☑ Inhalation ☐ Skin ☑ Ingestion
Health Hazards (Acute and Chronic): May act as a slight irritant to the skin or lungs or a mild allergen. Prolonged skin contact could result in dermatitis in sensitive individuals.
Carcinogenicity: ☐ NTP? ☐ IARC Monographs? ☐ OSHA Regulated? ☑ None Known
Signs and Symptoms of Exposure: None Known
Medical Conditions Generally Aggravated by Exposure: None Known
Emergency and First Aid Procedures: No special hazard.
Fish oil can be removed from normal skin by washing with soap and water.
Hot oil could result in burns to the contacted part. In that event, follow normal first aid procedures for treating burns.

PRECAUTIONS FOR SAFE HANDLING AND USE
Steps to be Taken in Case Material is Released or Spilled: Spills from fats and oils produce slippery surfaces. Employ normal sanitation procedures to reduce risk. Absorb material on clay, sawdust, or other material.
Waste Disposal Method: * Incineration or landfill
Precautions to be Taken in Handling and Storing: Tanks should be vented. Empty tanks must be vented and purged with air before entry. Observe standard tank entry precautions.
Other Precautions: Exposure of material to air and water may cause deterioration in quality.

* The disposal information contained herein cannot be warranted by Omega Protein, Inc. as correct in all cases. Because of particular or exceptional conditions or circumstances, or because of applicable federal, state, or local law, other or additional information or measures may be required or desirable. The product user may want to consult the proper state and federal authorities.
CONTROL MEASURES

Respiratory Protection: Use self contained respiratory equipment in closed systems.

Ventilation:
- Local Exhaust
- Mechanical (General) [X]
- Special
- Other

Protective Gloves: Necessary if allergic

Eye Protection: Safety goggles

Other Protective Clothing or Equipment: None required

Work / Hygienic Practices: Wash with soap and water