



SELIG INDUSTRIES
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Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name NATURAL SOY-BASED HEAVY DUTY
GEL DEGREASER (liquid)
Product Use Industrial Solvent Degreaser Gel
Product Code L648
Date of issue 11/01/05 **Supersedes**

Emergency Telephone Numbers For MSDS Information:
 Selig Industries
 Technical Services (800) 832-4724

For a Medical Emergency:
 INFOTRAC
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:
 CHEMTREC
 (800) 424-9300 - All Calls Recorded
 In District of Columbia: (202) 483-7616

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Prepared by Compliance Services Group
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Section 2. Composition, Information on Ingredients

| Name of Hazardous Ingredients | CAS # | % by Weight | Exposure Limits |
|------------------------------------------------------------------------------------------------------------|------------|-------------|-----------------|
| ALKYL (C16-C18) METHYL ESTERS | 67784-80-9 | 85 - 95 | Not established |
| NONYLPHENOXY POLY(ETHYLENEOXY) ETHANOL - npe; poly (oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy | 9016-45-9 | <5 | Not established |

Section 3. Hazards Identification

Acute Effects

Routes of Entry Inhalation. Ingestion. Skin contact.

- Skin** Hazardous in case of skin contact (irritant, sensitizer). May cause allergic reactions to certain individuals. Skin inflammation is characterized by itching, scaling, or reddening.
- Eyes** Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.
- Inhalation** Hazardous in case of inhalation. Over-exposure by inhalation may cause respiratory irritation.
- Ingestion** Very low toxicity for humans or animals. Ingestion may cause gastrointestinal irritation and diarrhea.

HMIS

| | |
|---------------------|----------|
| Health | 1 |
| Fire Hazard | 1 |
| Reactivity | 0 |
| Personal Protection | B |

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects

Prolonged or repeated contact may dry skin and cause irritation. Defatting properties, may aggravate an existing dermatitis.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact

Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention if irritation develops.

Skin Contact

Wash with soap and water. Get medical attention if irritation develops.

Inhalation

If excessive quantities inhaled, remove to fresh air. If symptoms persist, seek immediate medical attention.

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head lower than hips to help prevent aspiration. Get medical attention immediately.

Section 5. Fire Fighting Measures**Flash Point** Closed cup: >93.3°C (>200°F). **Flammable Limits** Not available.

(Pensky-Martens.)

**Flammability** Non-flammable. Gel structure inhibits combustibility of solvent.**Fire Hazard** Rags, steel wool or other wastes soaked with product may spontaneously catch fire if improperly discarded.**Fire-Fighting Procedures** Use DRY chemicals, CO₂, water spray or foam. Cool closed containers exposed to fire with water. Wear special protective clothing and positive pressure, self-contained breathing apparatus.**Section 6. Accidental Release Measures****Spill Clean up** Put on appropriate personal protective equipment (see Section 8). Absorb with an inert material and place in an appropriate waste disposal container. To clean the floor and all objects contaminated by this material, use detergent. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.**Section 7. Handling and Storage****Handling** Avoid contact with skin and eyes. Avoid breathing vapors of this product. Wash thoroughly after handling. Wash contaminated clothing before reusing.**Storage** Store and use away from heat, sparks, open flame, or any other ignition source. Keep container tightly closed in a cool, well-ventilated place. Store between 40°F - 120°F. Keep out of the reach of children. Rags, steel wool or other wastes soaked with product may spontaneously catch fire if improperly discarded.**Section 8. Exposure Controls, Personal Protection****Personal Protection****Protective Clothing (Pictograms)****Eyes** Safety glasses.**Body** Chemical resistant gloves. Avoid prolonged or repeated contact with skin.**Respiratory** Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.**Section 9. Physical and Chemical Properties****Physical State** Viscous liquid.**Color** Clear. Light Green.**pH** Not applicable.**Odor** Pleasant.**Boiling Point** >600F**Vapor Pressure** Not determined.**Specific Gravity** 0.88 (Water = 1)**Vapor Density** Not available.**Solubility** Emulsifies in water.**Evaporation Rate** Not available.**VOC (Consumer)** 0 (g/l).**Section 10. Stability and Reactivity****Stability and Reactivity** The product is stable.**Incompatibility** Avoid contact with strong oxidizers, excessive heat, sparks or open flame. Incompatible with some strong acids. Reactive with acidic clay.**Hazardous Polymerization** Will not occur.**Hazardous Decomposition Products** Carbon Dioxide, Carbon Monoxide and other organic materials.**Section 11. Toxicological Information****Toxicity to Animals****Alkyl Methyl Esters:**

ORAL (LD50): Acute: >15000 mg/kg [Rat].

Nonylphenoxy poly(Ethyleneoxy)Ethanol:

ORAL (LD50): Acute: 3310 mg/kg [Rat].

DERMAL (LD50): Acute: 2000 mg/kg [Rabbit].

Section 12. Ecological Information**Ecotoxicity** Not available.**Biodegradable/OECD** Not available.**Section 13. Disposal Considerations****Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - (None.)
Classification: - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information**Proper shipping name** Not applicable.**DOT Classification** Not a DOT controlled material (United States).**UN number** Not regulated.

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information**U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:
No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

State Regulations

California prop. 65: No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.

Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.