

# MATERIAL SAFETY DATA SHEET



## H.M.I.S RATING

1 HEALTH	HAZARD RATING 4=Extreme 3= High 2=Moderate 1=Slight 0=Insignificant
2 FLAMMABILITY	
0 REACTIVITY	
B MAXIMUM PERSONAL PROTECTION	
A=GOGGLES, B=GOGGLES & GLOVES C=GOGGLES, GLOVES & APRON	

### Section 1 – Product/Manufacturer's Identity

**PRODUCT NAME:** Eagle d-Limonene  
**PRODUCT NUMBER:** 690158  
**PRODUCT USE:** DEGREASER / CLEANER

**PRODUCT I.D. NUMBER (PIN):** N.A.  
**WHMIS CLASS:** B3; D2B  
**DOT HAZARD CLASS:** Non-Regulated

**COMPANY:**  
Eagle Solutions, LLC.  
P.O. Box 350  
100 Eagle Pkwy.  
Adairsville, GA 30103

**DOT SHIPPING NAME:** N/A

**24-HOUR EMERGENCY PHONE:** Infotract 800-843-6174 770-773-3875

**Abbreviation Key:** N.A.=Not Applicable, N.E.=Not Established, N.D.= Not Determined

### Section 2 –Hazardous Ingredient Information

<u>HAZARDOUS CHEMICAL IDENTITY</u>	<u>CAS NO.</u>	<u>ACHAN TLV/OSHA</u>	<u>PEL</u>	<u>% OPTIONAL</u>	<u>TLV</u>	<u>LD50</u>	<u>LC50</u>
Water	7732-18-5	N.E.	N.E.	60-100	N.E.	N.D.	N.D.
d-Limonene	6834-92-0	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>	5-10	N.E.	847 mg / kg	N.D.
Alkanolamide	68391-01-5	N.E.	N.E.	1-5	N.E.	250 mg / kg	86 mg/1 1hr
Nonionic surfactants	N.A.	N.E.	N.E.	1-5	N.E.	N.D.	N.D.

This mixture does not contain components which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

### Section 3 –Physical Data

<b>Color:</b> Light Blue	<b>Boiling Point:</b> 100°C (212°F)	<b>PH:</b> 8.4-9.3
<b>Odor:</b> Citrus	<b>Freezing Point:</b> 0°C (32°F)	<b>1% pH:</b> 8.0
<b>Physical State:</b> Liquid	<b>Water/Oil Distribution:</b> N.E.	<b>Specific Gravity:</b> 1.00 gm/mi
<b>Solubility in Water:</b> Complete	<b>Odor Threshold:</b> N.E.	<b>Percent Volatile:</b> 8.31 lbs./gal.

### Section 4 –Fire & Explosion Hazard Data

**Flash Point and Method:** 124°F 51°C (C.C.)      **Autoignition Temperature:** N.A.      **Extinguishing Media:** Use dry chemical or CO2

**Flammable Limits:** Combustible Liquid      **LEL:** N.E.      **UEL:** N.E.      **Special Fire Fighting Procedure:** Use proper protective equipment.

**Hazardous Combustion Products:** N.A.      **Unusual Fire & Explosion Hazard:** Avoid sources of ignition.

### Section 5 –Reactivity Data

**Chemical Stability:** Stable      **Hazardous decomposition of By-Product:** None Known

**Incompatibility (Materials to Avoid):** Strong oxidizers and sources of ignition.      **Hazardous Polymerization:** Will not occur.

### Section 6 –Toxicological Properties

**Routes of Entry:** Ingestion, inhalation. Skin contact.      **Toxicologically Synergistic Product:** None Known

**Sensitization:** No      **Medical Conditions Aggravated by Exposure:** None Known

**Effects of Overexposure (Acute and/or Chronic):**      **Eyes:** May cause irritation.

**Carcinogenic Effect:** No Carcinogenic effect.      **Mutagenic Effect:** No Mutagenic effect

**Skin:** Prolonged or repeated contact may cause irritation.      **Teratogenic Effect:** No Teratogenic effect.

**Ingestion:** May cause gastrointestinal irritation, nausea, diarrhea.      **Reproductive Toxicity:** No Reproductive Toxicity effect.

**Inhalation:** Prolonged exposure in poorly ventilated area may cause respiratory irritation.

### Section 7 –Preventative & Control Measures

**Respiratory Protection:** None normally required with adequate ventilation.      **Ventilation:** Local Exhaust: N.A.      Mechanical: Acceptable

**Protective Gloves:** Rubber to protect sensitive skin.      **Eye Protection:** As required to prevent splashing into eyes.

**Protective Clothing and Equipment:** As needed to prevent wetting clothing.      **Work & Hygienic Practices:** Wash thoroughly after handling.

**Storage Requirement:** Store in cool, dry area. Follow good housekeeping practices.      **Other Requirements:** Keep out of reach of children.

**Steps to be taken if material Is spilled or released:** Collect and reuse if possible. Flush to sewer with large quantities of water if permitted by regulatory authorities or absorb in inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

**Water Disposal:** Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

### Section 8 –Emergency & First Aid

**First Aid –Notes to Physician:**

**Eyes:** Flush with large amounts of water for 15 minutes holding eyelids open.      **Skin:** Wash with mild soap and water.

**Ingestion:** Give 2-3 large glasses of milk or water. Seek medical attention.      **Inhalation:** Remove to fresh air and rest.

\*In all cases if symptoms persist, seek medical attention.

### Note to Physician: No additional information. Section 9 –Preparation Information

**Prepared By:** Regulatory Affairs Department      **Phone:** 770-773-3875      **Date of Preparation:** January 1, 2009