SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Greasinator Concentrate
PRODUCT NUMBER: 143
TRADE NAME: Greasinator Concentrate 143
GENERAL USE: Water Soluble Degreaser
CHEMICAL FAMILY: Degreasing Agents
PRODUCT DESCRIPTION: Clear liquid with slight odor.

MANUFACTURER: EnvirOx LLC
ADDRESS (NUMBER, STREET, P.O. BOX): P.O. Box 2327, 1938 E. Fairchild St.
CITY, STATE AND ZIP CODE: Danville, IL. 61834-2327
COUNTRY: USA

DATE: March 08, 2011
SUPERSEDES: August 14, 2009

DATE PREPARED: March 08, 2011
TELEPHONE NUMBER FOR INFORMATION / Customer Service: 1-217-442-8596
CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER: 1-800-255-3924
North America Toll Free
1-813-248-0585
International

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Components % (by Weight) CAS # EINECS # Hazard Symbol RISK PHRASES

No hazardous ingredients per 29CFR.

Notes: All SARA Title III materials have been reported. All ingredients contained in this formula are listed on the Toxic Substances Control Act (TSCA) Chemical Inventory. Proprietary non-hazardous ingredients not listed.

SECTION 3 - HAZARDS IDENTIFICATION

INHALATION:
Not expected to be a significant route of exposure. Inhalation of mists may cause mild irritation.

SKIN:
May cause minor to moderate skin irritation with dryness & stinging; this is more likely from prolonged or multiple exposures.

EYES:
May cause mild to moderate eye irritation from splashing or contact with mists.

INGESTION:
May cause stomach upset, including vomiting and/or nausea. Product is only mildly toxic by ingestion.

CARCINOGENICITY:
NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

SECTION 4 - FIRST AID MEASURES

INHALATION:
Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-mouth, if possible. Call a poison control center or doctor for further treatment advice.

EYES:
Hold eye open and rinse slowly and gently with potable water or eye wash solution for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

SKIN:
Remove contaminated clothing. Rinse skin immediately with plenty of water. Seek medical attention for severe/persistent cases.

INGESTION:
Call poison control center (Toll-Free at 1-800-222-1222 within the USA) or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:
Not Flammable.

EXTINGUISHING MEDIA:
Carbon Dioxide or Dry Chemical - choose extinguishing media to fight surrounding fire.

FIRE FIGHTING PROCEDURES:
Firefighters should wear self-contained breathing apparatus and turn-out gear when fighting any chemical fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None applicable.

HAZARDOUS COMBUSTION PRODUCTS:
None known.
**SECTION 1 - PRODUCT AND COMPANY INFORMATION**

- **PRODUCT NAME:** Greasinator Concentrate
- **PRODUCT NUMBER:** 143
- **DATE:** March 08, 2011

**SECTION 2 - HAZARDS IDENTIFICATION**

- **UN Number:** NA
- **OPP Number:** NA

**SECTION 3 - COMPONENTS**

**HAZARDOUS COMPONENTS**

<table>
<thead>
<tr>
<th>Trade Name</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greasinator Concentrate 143</td>
<td>NA</td>
</tr>
</tbody>
</table>

**SECTION 4 - FIRST AID MEASURES**

- **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration.
- **SKIN:** Wash with soap and water. SCRUB WITH SOAP AND WATER. If irritation persists, get medical advice.
- **EYE:** Rinse with plenty of water. Get medical advice.
- **INGESTION:** Do not induce vomiting.

**SECTION 5 - FIRE FIGHTING MEASURES**

- **FLAMMABLE LIMITS:** None
- **Flash Point:** None NA
- **Flammable Vapor:** None NA
- **Autoignition Temperature:** None NA
- **Vapor Density:** None NA
- **Evaporation Rate:** None NA

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

- **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**
  - Do not flush large quantities of material into sewers or bodies of water. Use absorbent to trap spilled material, then place in waste container.
  - Small spills (less than 2 quarts) can be flushed into a sanitary sewer with plenty of water.

**SECTION 7 - HANDLING AND STORAGE**

- **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**
  - Store indoors; Store below 120°F, avoiding temperature extremes. Do not store with incompatible materials (see Section 10).

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENTS</th>
<th>NIOSH TWA ppm</th>
<th>NIOSH TWA mg/m³</th>
<th>ACGIH STEL ppm</th>
<th>ACGIH STEL mg/m³</th>
<th>OSHA TLV TWA ppm</th>
<th>OSHA TWA mg/m³</th>
<th>OSHA PEL ppm</th>
<th>OSHA PEL mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greasinator Concentrate 143</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- **APPEARANCE AND ODOR:** Clear liquid with slight odor.
- **PH:** 6.8± 0.5%
- **BOILING POINT / BOILING RANGE:** 212°F
- **FLASH POINT:** None
- **FLAMMABLE LIMITS:** LEL: NA UEL: NA
- **AUTOIGNITON TEMPERATURE:** NA
- **SPECIFIC GRAVITY (WATER = 1):** 6.8± 0.5%
- **SOLUBILITY IN WATER:** Completely Soluble.
- **VAPOR PRESSURE:** NE
- **VISCOSITY:** NA
- **VAPOR DENSITY (AIR = 1):** NA
- **EVAPORATION RATE (WATER = 1):** NA

**SECTION 10 - STABILITY AND REACTIVITY**

- **STABILITY:** STABLE X
- **CONDITIONS TO AVOID:** Temperature extremes
- **INCOMPATIBILITY (MATERIALS TO AVOID):**
  - Strong oxidizers, permanganates, reducing agents, acids.
- **HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** None known
- **HAZARDOUS POLYMERIZATION:** Will not occur.
- **CONDITIONS TO AVOID:** None related to polymerization.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

- **LD50 of Ingredient:** (Specify Species and Route)
- **LC50 of Ingredient:** (Specify Species)

**SECTION 12 - ECOLOGICAL INFORMATION**

- **No ecological information is available for this blended product; it is known to be biodegradable, however, based on the ingredients used in its manufacture. Product contains no Priority Pollutants under the Clean Water Act.**
**SECTION 13 - DISPOSAL CONSIDERATIONS**

Biodegradable product may be flushed to sewage treatment facility (in small quantities - see Section 6) or landfill. Dispose of container according to State, Federal and Local laws.

**SECTION 14 - TRANSPORT INFORMATION**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UN / NA IDENTIFICATION NUMBER:</td>
<td>None</td>
<td>IMDG HAZARD CLASS:</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>LABEL:</td>
<td>None</td>
<td>RID/ADR Dangerous Goods Code:</td>
<td>None</td>
</tr>
<tr>
<td>HAZARD SYMBOLS:</td>
<td>None</td>
<td>UN TDG Class / Pack Group:</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hazard Identification Number (HIN):</td>
<td>None</td>
</tr>
</tbody>
</table>

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

**SECTION 15 - REGULATORY INFORMATION**

TSCA (USA - Toxic Substance Control Act): All components are listed.

SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):

- **Acute Health:** Yes
- **Chronic Health:** No
- **Fire:** No
- **Reactive:** No
- **Sudden Release of Pressure:** No

**313 REPORTABLE INGREDIENTS:** None

**CERCLA (USA - Comprehensive Response Compensation and Liability Act):** No reportable ingredients

**California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:** No reportable ingredients

**CPR (Canadian Controlled Products Regulations):** Listed

**IDL (Canadian Ingredient Disclosure List):** Listed.

**DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):** Listed on DSL.

**WGK Water Quality Index:** 1

**SECTION 16 - OTHER INFORMATION**

**Legend:** NA=Not Available, NE=Not Established, ND=Not determined, C=Carcinogen, NTP=National Toxicology Program.

**HMIS HAZARD RATINGS**

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTIVE EQUIPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
<td>1 = INSIGNIFICANT</td>
</tr>
<tr>
<td>0</td>
<td>1</td>
<td>2</td>
<td>1 = SLIGHT</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
<td>3</td>
<td>2 = MODERATE</td>
</tr>
<tr>
<td>B*</td>
<td></td>
<td>4</td>
<td>3 = HIGH</td>
</tr>
</tbody>
</table>

*Gloves and Safety Glasses are recommended but not required*

**REVISION SUMMARY:**

Revised to ANSI protocols 1/0/1900 supersedes 3/8/2011 issue LB

**MSDS Prepared by:**

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Website: www.chemtelinc.com

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.