



**Safety Data Sheet: Signal Green Enviro Fluid AW 40**  
**Revision Date: January 2<sup>nd</sup> 2024**

**SECTION 1**

**PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT**

**Product Name: Signal Green Enviro Fluid AW 40**  
**Intended Use:** Lubricant

**COMPANY IDENTIFICATION**

**Supplier:** Beacon Lubricants  
P.O Box 754  
Edinboro, PA 16412

**Emergency Telephone:** 1-877-734-7334 – Beacon Lubricants, Inc.  
**Emergency Telephone:** 1-800-424-9300 (24 hours) – Chemtrec approval  
**Website:** www.beaconlubricants.com

**SECTION 2**

**HAZARDS IDENTIFICATION**

**Classification**

**OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

**Label elements**

**Signal Word:**  
**Not classified**

**Hazard Statements: None**

This product contains no substances which are their given concentration, are considered to be hazardous to health.

Appearance: Oil  
Physical State: Liquid  
Odor: Mild



Eyes: None  
Skin: None  
Inhalation: None  
Ingestion: None

**Hazards not otherwise classified (HNOC)**

**Other information**

**Unknown Acute Toxicity**

14% of the mixture consists of ingredient(s) of unknown toxicity

**SECTION 3 COMPOSITION / INFORMATION INGREDIENTS**

Components	CAS No.	Weight %
Canola, oleic acid – high	228404-57-7	85-95%
Performance Package	MIXTURE	3-10%
Other Components	PROPRIETARY	<5%

**SECTION 4 FIRST AID MEASURES**

**Eye contact:** Flush eye with water for 15 minutes, if eye irritation persists, consult a specialist.

**Skin contact:** Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms persist, call a physician.

**Ingestion:** No special measures required. Health injuries are not known or expected under normal use.

**Most important symptoms and effects, both acute and delayed**

**Symptoms:** No information available

**Indication of any immediate medical attention and special treatment needed**

**Notes to physician:** Treat symptomatically

**SECTION 5 FIRE FIGHTING MEASURES**



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sales@beaconlubricants.com

toll free: (877) 734-7334  
phone: (814) 734-7535  
fax: (814) 734-3460

safety data sheet

Suitable extinguishing media:

Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.

Unsuitable extinguishing media: Do not use a solid water stream as it may scatter and spread fire.

### **Specific Hazards arising from the chemical**

In the event of a fire, cool tanks with water spray.

### **Special protective equipment for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **SECTION 6**

## **ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures**

Personal Precautions: Use personal protective equipment

### **Environmental precautions**

**Environmental precautions:** Should not be released into the environment. Do not flush into surface water or sanitary sewer system.

### **Methods and material for containment and cleaning up**

**Methods for containment:** Prevent further leakage or spillage if safe to do so

**Methods for cleaning up:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## **SECTION 7**

## **HANDLING AND STORAGE**

### **Precautions for safe handling**

**Handling:** Ensure adequate ventilation, especially in confined areas. Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

### **Conditions for safe storage, including any incompatibilities**



**Storage Conditions:** Keep containers dry and tightly closed to avoid moisture absorption and contamination. Store in cool place.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Limits**

Chemical Name	ACGIH TLV	OSHA PEL	MEXICO	NIOSH
Canola oil, oleic acid-high	TLV: 10 mg/m(3) (as mist)	TWA: 15 mg/m3 TWA: 5 mg/m3 (as mist)	TWA: 10 mg/m3 (as mist)	

**Appropriate engineering controls**

**Engineering measures to reduce exposure:** Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**Respiratory protection:** No personal respiratory protective equipment normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**Hand protection:** Nitrile rubber, Neoprene gloves

**Eye protection:** Safety Glasses

**Skin and body protection:**

**General Hygiene Considerations:** Avoid contact with skin, eyes and clothing

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

**Note:** Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

**GENERAL INFORMATION**

**Physical State:** Liquid

**Color:** Amber

**Odor:** N/A

**Odor Threshold:** N/A



Flash Point, COC, °C >550°

Viscosity @ 40°C, cSt 37-42, typical

**SECTION 10**

**STABILITY AND REACTIVITY**

**REACTIVITY:** N/A

**STABILITY:** Material is stable under normal conditions

**CONDITIONS TO AVOID:** Avoid contact with incompatible materials and keep product away from open flames, hot surfaces, and sources of ignition.

**MATERIALS TO AVOID:** No materials to be especially mentioned

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition leads to formation of acrolein, carbon monoxide, carbon dioxide, smoke and fumes.

**SECTION 11**

**TOXICOLOGICAL INFORMATION**

**Inhalation:** Health injuries are not known or expected under normal use. When in the form of an airborne mist, refer to section 8 for exposure limits. Excessive inhalation of mist may result in respiratory irritation.

**Eye contact:** Not expected to pose health issues for the eye.

**Skin Contact:** Prolonged or excessive contact with skin may result in mild irritation; however, significant health injuries are not expected under normal use.

**Ingestion:** Health injuries are not known or expected under normal use. Overexposure may cause gastrointestinal disturbance.

**SECTION 12**

**ECOLOGICAL INFORMATION**

OECD 301B  
Biodegradability >90%

Bioaccumulation Not available

OECD 201  
Alga, EC50, 72hr, mg/L >40,000

OECD 202  
Daphnia, EC50, 48hr  
Mg/L >19,000



OECD 203

Fish, LC50, 96hr, mg/L >43,000

## SECTION 13

## DISPOAL CONSIDERATIONS

### Water treatment methods

**Disposal of wastes:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging:** Do not reuse container

## SECTION 14

## TRANSPORT INFORMATION

**DOT:** Not regulated by any means of transportation

## SECTION 15

## REGULATORY INFORMATION

US TSCA Inventory: All components of this product are listed on the TSCA Inventory

California Prop 65: Not listed

SARA Extremely

Hazardous Substance: Does not contain any 313 ingredients

CERCLA Hazardous: No reportable quantity for this product or its components

## SECTION 16

## OTHER INFORMATION

### **THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:**

Updates made in accordance with implementation of GHS requirements. The information and recommendations contained herein are, to the best of Beacon Lubricant's knowledge and belief, accurate and reliable as of the date issued. You can contact Beacon Lubricant's to insure that this document is the most current available for Beacon Lubricant's. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use.