

1. Identification

Lube Booster



SDS Code: BOI Lube Booster

Product contains: Vegetable oil lubricants
Chemical Family or Formula: Vegetable oil estersSupplier: **Byron Originals, Inc.**
PO Box 279, 119 E. Hwy. 175
Ida Grove, IA 51445Phone: 712-364-3165
Fax: 712-364-2028
email: info@byronoriginalsinc.com
Web page: www.byronfuels.comProduct Information: 712-364-3165
Transportation Emergency: 800-424-9300 for spills only (Chemtrec)
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)
Poison Control Center: 800-222-1222**2. Hazard(s) identification**

Emergency overview

Classification of the substance or mixture

Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

Hazards not otherwise classified (HNOC) or not covered by GHS: none

3. Composition / Information on ingredientsChemical identity: Castor oil 100%
Common name: Castor oil
Numbers of identity: CAS 8001-79-4 EC: 232-293-8**4. First-aid measures**

General advice:

Consult a physician. Show this safety data sheet to the doctor in attendance.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

IF ON SKIN: Wash with soap and water

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse continuously with water for several minutes.

Remove contact lenses if present and easy to do; continue rinsing.

Most important symptoms and effects, both acute and delayed:

Strong laxative action.

Indication of any immediate medical attention and special treatment needed

No data available

5. Firefighting measures

Suitable extinguishing media:

Extinguishing media: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Special protective equipment and precaution for fire fighters:

Wear self contained breathing apparatus for fire fighting if necessary.

Specific hazards in case of fire: Nature of decomposition products not known.

6. Accidental release measures

Personal precautions: Spill may be slippery.

Protective Measures:

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. See also section 8.

Environmental precautions:

Prevent spills from entering storm sewers or drains and contact with soil.

Methods and materials for containment and cleaning up:

Scrape, vacuum or mop up for possible use or reclaim. Common industrial absorbents may be used.

Dispose as non hazardous waste.

7. Handling and storage

Precautions for safe handling:

Avoid contact with eyes. Avoid prolonged or repeated skin contact and breathing mists/vapors.

Conditions for safe storage, including incompatibilities:

Standard safe storage conditions are appropriate: avoid package damage and extremes in temperature.

Keep container tightly closed in a dry and well-ventilated place. Storage class: Non Combustible Liquids

8. Exposure controls / personal protection

Information on the system design:

Product is intended for external use only. Stay up wind, out of any spray developed.

Exposure Limits:

Reference 29CFR 1910.1000 Table Z-1

Component Name (CAS)

TWA

STEL

ppm mg/m³

ppm mg/m³

Castor oil 8001-79-4

NIOSH

5 mg/m³

10 mg/m³

Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of workday.

Personal protective equipment

Respiratory protection: No requirement anticipated.

Hand protection: Rubber gloves.

Eye protection: No requirement anticipated.

Skin and body protection: Rubber gloves; apron if deemed necessary.

9. Physical and chemical properties

Appearance: Clear, light yellow, viscous liquid

Odor: Characteristic

Odor threshold: Not available

pH-value: Not applicable

Melting point/freezing: No data available point

Initial boiling point: 313 °C (595 °F)

Flash point: > 113.00 °C (> 235.40 °F) - closed cup

Evaporation rate: Not available

Flammability (solid, gas): Not applicable

Explosion limits: Not known

Vapor pressure: No data available

Vapor density: No data available

Relative density (water=1.00): 0.961 g/ml at 25 °C (77 °F)

Auto-ignition temperature: Not available

Solubility: Soluble in hydrocarbons, insoluble in water.

Decomposition temperature: Not available

Partition coefficient: Log Kow: No data available

Viscosity: Viscous liquid

10. Stability and reactivity

Chemical stability: No decomposition, if used according to specifications.

Possibility of hazardous reactions: No data available

Conditions to avoid: No dangerous conditions known.

Materials to avoid: Strong oxidizing materials.

Hazardous decomposition products: None are known. Also see Section 5.

11. Toxicological information

Acute Toxicity: No information available for finished product.

Test Castor oil CAS 8001-79-4

Oral Toxicity LD 50 (Rats) No data

Dermal Toxicity LD 50 (Rabbit) No data

Inhalation Toxicity, Vapor No data

Eye Irritation (Rabbit) Mild eye irritation

Dermal Irritation (Human) Mild skin irritation - 48 h

Likely/ possible routes of exposure: Ingestion, skin and eye contact.

Skin: The product is not expected to be toxic by skin absorption.

Oral: The product is not expected to be toxic by ingestion.

Inhalation: The product is not expected to be toxic by inhalation.

Sensitization: The product is not expected to be sensitizing.

Carcinogenicity: No component listed by NTP, IARC, OSHA or ACGIH as a suspect or potential carcinogen.

Reproductive toxicity: No data available

Specific target organ toxicity - single exposure: No data available

Specific target organ toxicity - repeated exposure: No data available

Aspiration hazard: No data available

Additional Information RTECS: No data available

12. Ecological information

Persistence and degradability:

This material is expected to be readily biodegradable.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT and vPvB assessment: Not available/ not required.

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: No data available.

13. Disposal considerations

Use material for its intended purpose or recycle if possible.

Product as supplied is not an unlisted hazardous waste. Do not discharge to sewer.

Dispose in accordance with local, state and federal regulations.

14. Transport information

Domestic transport: Not classified as dangerous goods under transport regulations.

Sea transport (IMDG): Not classified as dangerous goods under transport regulations.

Air transport (IATA/CAO): Not classified as dangerous goods under transport regulations.

The description shown may not apply to all shipping situations. Consult 49CFR, OSHA or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name, labeling) and mode-specific or quantity-specific shipping requirements,

15. Regulatory information

Inventory Status:

All components are on TSCA, EINECS/ELINCS, AICS, and DSL.

U.S. Regulations:

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:

SARA (311/312) HAZARD CATEGORIES: None

Marine pollutant: None

SARA 313: This product contains the following SARA 313 Toxic Release Chemicals.

Chemical Name	CAS Number	Concentration
None		

The following product components are cited on the lists below:

Chemical Name	CAS Number	List Citations
Castor oil	8001-79-4	PA, NJ

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other information

SDS Preparation date: April 9, 2015

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference
Immediate	No	No	No	No	49 CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Delayed	No	No	XXX	XXX	
HMIS Hazard ratings: Health 0 Fire 0 Instability 0 Other B (Goggles, gloves)					
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4					

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MSDS's found from ingredient suppliers do not provide sufficient information for complete categorization of the hazards as of the date of preparation of this document. Expert opinion and judgment has been used where deemed necessary and appropriate.

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA).