



## Safety Data Sheet

Conforms to OSHA CFR 29 1910.1200 and aligns to the United Nations Globally Harmonized System

Date of Revision: None

Revision: 0

### Section 1 - Chemical Product and Company Identification

**Product Name: Mechanic in a bottle self-cleaning penetrating lubricant**

**1.2 Synonym:** Blend

**1.3 B3C Fuel Solutions LLC, 108 Daytona Street, Conway, SC 29526, 843-347-0482**

**1.4 Recommended Use:** Water-based bar and chain lubricant

**1.5 RESTRICTIONS on USE** None

**1.6 Emergency Response Number: INFOTRAC 1-800-535-5053 US and Canada**

**Local Emergency Telephone Number: +1-352-323-3500**

### Section 2 - Hazards Identification

#### 2.1 GHS HAZARD

##### Hazard Classes

**Eye Irritation**

##### Hazard Categories

**Category 2A**

**2.2 Signal Word: Warning**



**2.3 Pictograms:**

Irritant    Keep away from children

#### 2.4 Hazard Statements

**PHYSICAL HAZARDS:**

None

**HEALTH HAZARDS:**

**H319: Causes serious eye irritation.**

**ENVIRONMENTAL HAZARDS:**

None.

**PRECAUTIONARY STATEMENTS:**

**P102: Keep out of reach of children**

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**P264:** Wash hands after handling.  
**P280:** Wear eye and face protection.

## RESPONSE STATEMENTS:

**P305+P338+P351:** IF IN EYES, Rinse with water for several minutes. Remove contact lenses, if present and safe to do. Continue rinsing.  
**P313+P337:** If eye irritation persists, get medical attention.

## STORAGE STATEMENTS:

None.

## DISPOSAL STATEMENTS:

**P501:** Dispose of content and container following local, regional, national, or international regulations.

**2.5 Hazards not otherwise classified (HNOC) or not covered by GHS:** Repeated exposure may cause skin dryness or cracking.

## Section 3 - Composition / Information on Ingredients

### 3.1

CAS#	EC#	Chemical Names	Percent	Classification
25496-72-4	247-038-6	Oleic acid, monoester with glycerol	68-71	Not Classified
64-17-5	200-578-6	Ethanol	12-16	Flam. Liq. 2 H225, Eye Irrit. 2 H319
57-55-6	200-338-0	Propane-1,2-diol (plant-based)	9-12	Not Classified
102-71-6	203-049-8	2,2',2"-nitrioltriethanol	4-8	Not Classified

**3.2 Trade Secret Provision and Chemical Concentration Disclosure:** Following OSHA and GHS Regulations, we have withheld specific percentages of the chemicals in this mixture. The chemical concentrations have been disclosed as a blend and applied to the hazards identified in this Safety Data Sheet.

## Section 4 - First Aid Measures

**4.1 Eye:** Contact with the eyes can cause serious irritation. Symptoms may include discomfort or pain and redness. Severe overexposure can result in swelling of the conjunctiva along with tissue damage.

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**4.2 Skin:** Prolonged and repeated liquid contact can cause defatting and drying of the skin and can lead to irritation and dermatitis.

**Skin:** Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid immediately. Wash clothing before reuse.

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**4.3 Ingestion:** Liquid ingestion can cause inebriation, headache, gastrointestinal pain, nausea, and vomiting leading to central nervous system depression. Aspiration of liquid into the lungs must be avoided as even small quantities in the lungs can produce chemical pneumonia, pulmonary edema, and even death.

**Ingestion:** Do NOT induce vomiting. Get medical aid immediately.

**4.4 Inhalation:** Prolonged breathing of high vapor concentrations can produce headache, dizziness, nausea, and impaired vision. Excessive overexposure can cause central nervous system depression, loss of consciousness, liver damage, and death resulting from respiratory failure.

**Inhalation:** Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult and **IF TRAINED**, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation without protection.

**4.5 After first aid, get appropriate paramedics or community medical support.** The severity of the outcome following exposure may be more related to the time between exposure and treatment than the amount of exposure. Therefore, there is a need for rapid treatment of any exposure.

**4.6 Note to Physicians:** If you determine that a medical emergency exists and the specific chemical identity is necessary for emergency or first-aid treatment, we will immediately disclose the specific chemical identity. Call INFOTRAC 800-535-5053 or +1-352-323-3500. We will require a written statement of need and confidentiality agreement following OSHA's Trade Secret Regulations as soon as circumstances permit. In non-emergency situations, we will disclose the specific chemical percentages upon written request.

### Section 5 - Fire-Fighting Measures

**5.1 General Fire Hazards:** Flash but will not sustain combustibility. Use water to cool containers exposed to fire.

**5.2 Hazardous Combustion Products:** Avoid the fumes of burning products.

**5.3 Extinguishing Media:** Carbon dioxide, dry chemical, foam.

**5.4 Fire Fighting Equipment/Instructions:** Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products.

### Section 6 - Accidental Release Measures

**6.1 Spill /Leak Procedures:** Ensure adequate ventilation. Use personal protective equipment. The material can create slippery conditions.

**6.2 Spills:** Clean contaminated surfaces thoroughly. Pick up and transfer to properly labeled containers.  
**Clean-up methods for small spillage:** Soak up with inert absorbent material.

**Clean-up methods for large spillage:** Dam up. Take up mechanically and collect in a suitable container for disposal.

### Section 7 - Handling and Storage

**7.1 Handling Precautions:** Wear eye protection. Ensure adequate ventilation.

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**7.2 Storage Requirements:** Keep at a temperature not exceeding 104°F. Keep containers dry and tightly closed to avoid moisture absorption and contamination. To maintain product quality, do not store in heat or direct sunlight.

## Section 8 - Exposure Controls / Personal Protection

### 8.1

Chemical Names	ACGIH- TLV	OSHA PEL
Oleic acid, monoester with glycerol	None shown	None shown
Ethanol	1000 ppm TWA	1000 ppm TWA
Propane-1,2-diol (plant-based)	None shown	None shown
2,2',2''-nitritotriethanol	5 mg/m <sup>3</sup> TWA	None shown

### 8.2

**ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value.**

**OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits.**

**NOTE: TWA Means** "TWA is the employee's average airborne exposure in any 8-hour work shift of a 40-hour work week which shall not be exceeded."

**8.3 Ventilation:** Provide a general or local exhaust ventilation system to maintain airborne concentrations below TLV/PELs. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

**8.4 Contaminated Equipment:** Separate contaminated work clothes from street clothes and launder them before reuse. Remove this material from your shoes and clean personal protective equipment.

### 8.5 Personal protective equipment

Respiratory protection

Where risk assessment shows that air-purifying respirators are appropriate, use a full-face respirator with multi-purpose combination respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US).

Hand protection

Handle with gloves. Gloves must be inspected before use. Use proper glove removal techniques to avoid skin contact with this product. Dispose of contaminated gloves after use. Select gloves tested to the **ANSI/ISEA 105-2011**.

Full contact: Viton

Splash contact: Viton

Viton is a Registered Trademark of DuPont Company.

Eye protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US).

Skin and body protection

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the workplace.

### 8.6 Protective Clothing Pictograms

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## Section 9 - Physical and Chemical Properties

### 9.1

**Physical State:** Liquid

**Appearance:** Various

**Odor:** Characteristic order

**Vapor Pressure:** Not Available

**Vapor Density (Air=1):** Not Available

**Specific Gravity (H<sub>2</sub>O=1):** Not Available

**Relative Density:** Not Available

**Odor Threshold:** Not Available

**Flammability (solid, gas):** Not applicable.

**Evaporation rate:** Not Available

**Partition coefficient octanol/water:** Not Available

**pH:** None

**Water Solubility:** Insoluble in water

**Flash Point:** Flash but will not sustain combustibility.

**Boiling Point/Range:** Not Available

**Lower Explosive Limits (vol % in air):** Not Available

**Upper Explosive Limits (vol % in air):** Not Available

**Melting Point:** Not Available

**Viscosity:** <20.5mm<sup>2</sup>/s@104°F,40°C

**Autoignition Temperature:** Not Available

**Decomposition temperature:** Not Available

## Section 10 - Stability and Reactivity

**0.1 Stability:** Stable under ordinary conditions of use and storage.

**10.2 Polymerization:** Hazardous polymerization has not been reported.

**10.3 Chemical Incompatibilities:** Strong oxidizing agents and Perchloric acid.

**10.4 Hazardous Decomposition Products:** Peroxides

**10.5 Conditions to Avoid:** Temperatures above 62°C, heat, sparks, open flames, and other ignition sources.

## Section 11- Toxicological Information

### 11.1

Acute Toxicity Estimate for this blend (ATE)

ATE (Oral): >2000 mg/kg

ATE (Dermal): 20800 mg/kg

ATE (Inhalation vapor/mist): 31.7 mg/l

**11.1.1** OECD Guideline Test results in the European Chemical Agency Database show that no components cause Harmful Oral Toxicity.

**11.1.2** OECD Guideline Test results in the European Chemical Agency Database show that no components cause Harmful Dermal Toxicity.

**11.1.3** OECD Guideline Test results in the European Chemical Agency Database show that this product's components cause Harmful Inhalation Toxicity.

**11.2 Route of Entry:** Eye Contact.

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**11.3 Aspiration Hazard:** European Chemical Agency Database shows that no components of this product may be fatal if swallowed and entered the airways.

**11.4 Mutagenicity:** OECD Guideline Test results found in the European Chemical Agency Database show no components of this product to cause genetic defects.

**11.5 Skin Corrosion/Irritation:** OECD Guideline Test results found in the European Chemical Agency Database show that no product components cause skin irritation. Repeated exposure may cause skin dryness or cracking.

**11.6 Serious Eye Damage/Irritation:** OECD Guideline Test results found in the European Chemical Agency Database show that this product does cause serious eye irritation.

**11.7 Reproductive toxicity:** OECD Guideline Test results found in the European Chemical Agency Database show no components of this product to cause damage to fertility or the unborn child.

**11.8 Skin Sensitization** OECD Guideline Tests results found in the European Chemical Agency Database show no components of this product cause skin sensitivity.

**11.9 Respiratory Sensitization** OECD Guideline Tests results found in the European Chemical Agency Database show no components of this product to cause respiratory sensitivity.

**11.10 Specific Target Organ Toxicity (Single Exposure):** European Chemical Agency Database shows that components no of this product may cause damage to Target Organ Toxicity due to a single exposure.

**11.11 Specific Target Organ Toxicity (Repeated Exposure):** European Chemical Agency Database shows that components no of this product may cause damage to Target Organ Toxicity due to repeat exposure.

**11.12 Signs and Symptoms:** Symptoms may include eye pain and redness. Also, Headache, Dizziness, and Drowsiness. Symptoms may be delayed.

**11.13 Carcinogenicity:** OECD Guideline Test results found in the European Chemical Agency Database show no product components to cause cancer.

## Section 12 - Ecological Information

### 12.1

Product Name	Results	Species	Exposure
Oleic acid, monoester with glycerol	None shown		
Propane-1,2-diol (plant-based)	LC50 20613 mg/l	Fish	96 hours
2,2',2''-nitrilotriethanol	None Shown		
Ethanol	LC50 8,140 mg/l	Fish	96 hours
Ethanol	LC50 14,221 mg/l	Daphnia	48 hours

**Toxicity:** OECD Guideline Test results found in the European Chemical Agency Database show no components of this product to harmful and can cause long-term toxicity to aquatic life. However, do not release it into a waterway.

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**12.2 Mobility:** Floats on water.

**12.3 Persistence/degradability:** Inconclusive technical data.

**12.4 Bioaccumulation:** Inconclusive technical data.

**12.5 Other adverse effects:** Inconclusive technical data.

## Section 13 - Disposal Considerations

**13.1 Disposal: DO NOT REUSE EMPTY CONTAINER!** The container should be completely emptied before being discarded. Contact a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

## Section 14 - Transport Information

**14.1 DOT Transport Information**  
**Not Regulated**

## Section 15 - Regulatory Information

**15.1 US Regulations:**

**TSCA:** All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

**TRI Section 313:** None

**CERCLA Hazardous Substances and corresponding RQs:** None

**SARA Community Right-to-Know Program:** All components of this blend.

**Clean Water Act:** None

**Clean Air Act:** None

**OSHA:** All ingredients are listed in 29 CFR 1910.1200

**State Regulations**

**California prop. 65:** None

**Chemicals on the following State Right to Know Lists:**

**Massachusetts:** All product components are on the Massachusetts Inventory or exempt from Inventory requirements.

**New Jersey** All product components are on the New Jersey inventory or exempt from Inventory requirements.

**Pennsylvania:** All product components are on the Pennsylvania Inventory or exempt from Inventory requirements.

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### Section 16 - Other Information

**16.1 Disclaimer:** The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date this Safety Data Sheet was prepared. HOWEVER, NO responsibility is assumed for any damage or injury resulting from abnormal use or failure to adhere to recommended practices. The information provided above is furnished on the condition that the person receiving them shall determine the product's suitability for their particular purpose and assume the risk of its use.

**16.2 References:** CHEMpendium database of Canadian Centre for Occupational Health and Safety (CCOHS), European Chemical Agency Data Base, and MSDS and SDS of chemicals in this mixture.

**16.3 SDS Preparation Date** 09/10/2022

**SDS Previous Issue Date:** None

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END OF SAFETY DATA SHEET