



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 Pressure Washer Pump Saver

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 pressure washer pump 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
56-81-5	200-289-5	Glycerol	26-32	Not Classified
64-17-5	200-578-6	Ethanol	1-4	Flam. Liq. 2 H225, Eye Irrit. 2 H319
527-07-1	208-407-7	Sodium Gluconate	0.2-0.7	Not Classified
7732-18-5	231-791-2	Water	65-68	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
Glycerol	10 mg/m3 TWA	15 mg/m3 TWA
Ethanol	1000 ppm TWA	1000 ppm TWA
Sodium Gluconate	5mg/m2 TWA	5mg/m3 TWA

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.

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8.6 Protective Clothing Pictograms



Splash Goggles



Gloves

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 (H2O=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: Not Available

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): >4000 mg/kg

ATE (Dermal): >2000 mg/kg

ATE (Inhalation vapor/mist): >20mg/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.

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11.1.3 OECD Guideline Test results in the European Chemical Agency Database show that no components cause Harmful Inhalation Toxicity.

11.2 Route of Entry: Eye Contact.

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 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 component 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 component 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
Glycerol	LC50 50 mg/l	Fish	96 hours
Ethanol	LC50 8,140 mg/l	Fish	96 hours
Ethanol	LC50 14,221 mg/l	Daphnia	48 hours
Sodium Gluconate	LC50 1000 mg/l	Fish	96 hours
Sodium Gluconate	LC50 1000 mg/l	Daphnia	48 hours

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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.

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 11/15/2022

SDS Previous Issue Date: None

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END OF SAFETY DATA SHEET