

SAFETY DATA SHEET



Ultra-Fuel

Revision Date: March 9, 2026 Revision Number: 1.0

Prepared in accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200

SECTION 1: Identification

Product Identifier: Ultra-Fuel

Recommended Use: Fuel additive for gasoline and diesel fuel systems.

Restrictions on Use: Use only as directed for fuel treatment applications. Not intended for food, drug, or household use.

Manufacturer / Supplier

Lubriformance
2021 Reserve Dr.
Canton, TX 75103 USA
Business Phone: (833) TNT-Fuel (833-868-3835)
Emergency Telephone: CHEMTREC 1-800-424-9300 (24 hours)

SECTION 2: Hazard Identification

GHS Classification

Flammable Liquid - Category 4
Acute Toxicity (Oral) - Category 4
Skin Irritation - Category 2
Eye Irritation - Category 2A
Specific Target Organ Toxicity (Single Exposure) - Category 3



Label Elements (GHS)

Signal Word: WARNING

Pictogram: GHS07 - Exclamation Mark

Hazard Statements

H227 Combustible liquid
H302 Harmful if swallowed
H315 Causes skin irritation
H319 Causes serious eye irritation
H336 May cause drowsiness or dizziness

Precautionary Statements

Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P261 Avoid breathing vapors or mist.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves and eye protection.

Response

P301+P312 IF SWALLOWED: Call a POISON CENTER if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
P332+P313 If skin irritation occurs: Get medical advice.
P362+P364 Take off contaminated clothing and wash before reuse.

Storage

Store in a well-ventilated place. Keep container tightly closed.

Disposal

Dispose of contents and container according to local, state and federal regulations.

SECTION 3: Composition / Information on Ingredients

Chemical Name	CAS Number	Concentration
2-Butoxyethanol	111-76-2	95-100%
Proprietary Performance Additive	Trade Secret	1-5%

The specific identity of the proprietary additive is withheld as a trade secret in accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200(i).

SECTION 4: First Aid Measures

Eye Contact

Immediately flush eyes thoroughly with water. Remove contact lenses if present and easy to do. Continue flushing for at least 15 minutes, including under eyelids. Seek medical attention.

Skin Contact

Immediately wash skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Seek medical attention if irritation persists.

Inhalation

If respiratory irritation or distress occurs, remove the individual to fresh air. If breathing is difficult, administer oxygen. Seek medical attention if symptoms persist.

Ingestion

Contact a poison control center immediately. Do NOT induce vomiting. If the individual is conscious, rinse mouth and drink small amounts of water. Seek immediate medical attention.

Notes to Physician

Treatment should be based on observed signs and symptoms. High vapor concentrations may cause central nervous system depression.

SECTION 5: Fire-Fighting Measures

Flash Point

65 C (149 F)

Suitable Extinguishing Media

Dry chemical, carbon dioxide, alcohol-resistant foam, water fog.

Unsuitable Extinguishing Media

Do not use a solid water stream, as it may spread the fire.

Specific Hazards

Combustible liquid and vapor. Vapors may travel to ignition sources and flash back.

Hazardous Combustion Products

Carbon oxides and unburned hydrocarbons.

Protective Equipment for Firefighters

Firefighters should wear self-contained breathing apparatus (SCBA).

SECTION 6: Accidental Release Measures

Personal Precautions

Wear appropriate protective equipment. Eliminate ignition sources. Ensure adequate ventilation.

Environmental Precautions

Prevent entry into waterways, sewers, basements, or confined areas. Spilled liquid may create a slip hazard. Runoff from fire control or dilution water may cause environmental contamination. Large spills may be reportable to the National Response Center (1-800-424-8802) and to appropriate state and local authorities.

Cleanup Methods

Use non-sparking tools and proper grounding/bonding techniques. Absorb with sand, earth, or other noncombustible material and place in suitable containers for disposal.

SECTION 7: Handling and Storage

Handling

Combustible liquid and vapor. Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Use adequate ventilation. Ground and bond containers when transferring material. Take precautionary measures against static discharge. Avoid inhalation of vapors and contact with skin, eyes, and clothing. Empty containers may contain hazardous residue.

Storage

Store in tightly closed containers in a cool, dry, well-ventilated area away from ignition sources. Recommended storage temperature: 35 F - 120 F (4 C - 49 C).

SECTION 8: Exposure Controls / Personal Protection

Exposure Limits

2-Butoxyethanol (CAS 111-76-2)

OSHA PEL: 50 ppm (TWA)

ACGIH TLV: 20 ppm (TWA)

Engineering Controls

Use local exhaust ventilation or general ventilation to maintain airborne concentrations below exposure limits.

Personal Protective Equipment

Eye Protection: Safety glasses or chemical goggles

Skin Protection: Chemical resistant gloves (nitrile, butyl rubber, etc.)

Respiratory Protection: NIOSH-approved organic vapor respirator if ventilation is inadequate.

SECTION 9: Physical and Chemical Properties

Appearance: Light yellow liquid

Odor: Rancid sweet

Odor Threshold: Not available

pH: Not applicable

Melting / Freezing Point: -74.8 C

Boiling Point: 170 C

Flash Point: 65 C (149 F)

Evaporation Rate: ~0.1 (Butyl acetate = 1)

Flammability: Combustible liquid

Lower Flammability Limit: 1.1%

Upper Flammability Limit: 10.6%
Vapor Pressure: 1 mm Hg @ 20 C
Vapor Density: 4.1 (Air = 1)
Relative Density: 0.9 (Water = 1)
Bulk Density: 7.51 lb/gal
Solubility: Miscible with water
Partition Coefficient: log Pow ~ 0.81
Auto-Ignition Temperature: 230-245 C
Decomposition Temperature: Not available
Percent Volatile: 100%
VOC Content: 100%
Dynamic Viscosity: 3.3 mPa.s @ 20 C
Kinematic Viscosity: 20 mm²/s @ 20 C

SECTION 10: Stability and Reactivity

Chemical Stability

Stable under recommended storage conditions.

Conditions to Avoid

Heat, sparks, open flames, and other ignition sources.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

Carbon oxides and unburned hydrocarbons.

SECTION 11: Toxicological Information

Routes of Exposure

Inhalation, skin contact, eye contact, ingestion.

Acute Toxicity

Oral LD50 (2-Butoxyethanol): ~1414 mg/kg

Dermal LD50: >2000 mg/kg

Symptoms

Skin irritation, eye irritation, central nervous system effects such as dizziness.

SECTION 12: Ecological Information

Ecotoxicity

No specific ecological data available for this mixture.

Persistence and Degradability

Expected to be readily biodegradable based on data for the primary component.

Bioaccumulative Potential

Not expected to bioaccumulate significantly.

Mobility in Soil

Product is miscible with water and may be mobile in soil.

Other Adverse Effects

No additional adverse environmental effects are known.

SECTION 13: Disposal Considerations

Waste Disposal

Dispose of contents and container in accordance with all applicable local, state, and federal environmental regulations.

Contaminated Packaging

Empty containers may contain product residue and should not be reused.

SECTION 14: Transport Information

US DOT

NA1993, Combustible liquid, n.o.s., PG III (Contains 2-Butoxyethanol)

This material is not regulated for U.S. DOT transportation in containers less than 119 gallons.

IMDG

UN1993, Flammable liquid, n.o.s., (Contains 2-Butoxyethanol), 3, III

IATA

UN1993, Flammable liquid, n.o.s., (Contains 2-Butoxyethanol), 3, III

SECTION 15: Regulatory Information

Federal Regulatory Status

Status under OSHA Hazard Communication Standard, 29 CFR 1910.1200: This product is considered a hazardous chemical under this regulation and should be included in the employer's hazard communication program.

Reportable Quantities under the Clean Water Act, CERCLA, and EPCRA, 40 CFR 117, 302 and 355: This product does not contain components regulated under these sections.

Applicability of EPCRA Toxic Chemical Release Inventory (TRI), 40 CFR 372: 2-Butoxyethanol (111-76-2) 1.0% De minimis listed.

Status under the Toxic Substances Control Act, 40 CFR 710: All chemicals comprising this product are either exempt from listing or listed on the TSCA Inventory.

Drug Enforcement Administration (DEA): This product is not regulated under 21 CFR 1310.02(b), 1310.04(f)(2), or 21 CFR 1310.12.

SARA Title III Hazard Classes

Acute Health Hazard: Yes

Chronic Health Hazard: No

Fire Hazard: Yes

Reactive Hazard: No

Release of Pressure: No

State Regulations

California: This product does not contain components regulated under California Proposition 65.

Massachusetts: 2-Butoxyethanol (111-76-2)

New Jersey: 2-Butoxyethanol (111-76-2)

Pennsylvania: 2-Butoxyethanol (111-76-2)

SECTION 16: Other Information

NFPA Hazard Rating

Health: 2

Flammability: 2

Reactivity: 0

HMIS Hazard Rating

Health: 2

Flammability: 2

Physical Hazard: 0
Personal Protection: B

Revision History

1.0 - March 9, 2026 - Initial SDS

Prepared by

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