



## 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 Hydraulic Oil Fix**

**1.2 Synonym:** Blend

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

**1.4** Recommended Use: Hydraulic Oil Fix

**1.5** **RESTRICTIONS on USE** Professional use only

**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 Damage/Irritation**

**Skin Corrosion/Irritation**

**Very Toxic to Aquatic Life**

**Very Toxic to Aquatic Life Long-Lasting Effects**

##### Hazard Categories

**Category 1**

**Category 1B**

**Category 1**

**Category 1**

**2.2** Signal Word: **Danger**



#### 2.3 Pictograms:

Corrosive

Aquatic

Keep away from children

#### 2.4 Hazard Statements

**PHYSICAL HAZARDS:**

**None**

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<b>HEALTH HAZARDS:</b>	H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage.
<b>ENVIRONMENTAL HAZARDS:</b>	H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long-lasting effects
<b>PRECAUTIONARY STATEMENTS:</b>	P102: Keep out of reach of children. P260: Do not breathe vapors and mist. P264: Wash hands thoroughly after handling. P273: Avoid release to the environment. P280: Wear protective gloves, clothing, and eye and face protection.
<b>RESPONSE STATEMENTS:</b>	P301 +P330+ P331: IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. P303+P361+353: IF ON SKIN OR HAIR, immediately remove all contaminated clothing. Rinse skin with water. P304+340: IF INHALED, remove to fresh air and keep comfortable for breathing. P305+P351+P338: IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do so. Continue rinsing P310: Immediately call the National POISON CENTER at <b>800-222-1222</b> . P363: Wash contaminated clothing before reuse. P390: Collect spillage
<b>STORAGE STATEMENTS:</b>	P403+P405+P235: Store locked up.
<b>DISPOSAL STATEMENTS:</b>	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: Causes digestive and respiratory tract burns.

### Section 3 - Composition / Information on Ingredients

#### 3.1

CAS#	EC#	Chemical Names	Percent	Classification
61791-39-7	263-171-2	1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.	100	Skin Corr. 1B H314, Eye Dam.1 H318, Aquatic Acute 1 H400. Aquatic Chronic 1 H410

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## Section 4 - First Aid Measures

**4.0 General Advice:** Immediately call The National POISON CENTER at **800-222-1222** or doctor. Provide this SDS to medical personnel for treatment

**4.1 Eye:** Contact with the eyes can cause serious damage. 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. Do not apply any medicated agents except on the advice from a physician.

**4.2 Skin:** Contact with skin can cause severe burns.

**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. Do not apply any medicated agents except on the advice from a physician.

**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 without medical advice. Drink 2-3 large glasses of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. To ensure the airway is open, position with head lower than the body and transport immediately to a medical facility.

**4.4 Inhalation:** Inhalation of vapors and aerosols in high concentrations may irritate the respiratory system. It May cause skin and eye burns. Ingestion may cause nausea, vomiting, and abdominal pain.

**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 paramedic or community medical support.** The severity of the outcome following exposure may be more related to the time between exposure and treatment rather than the amount of the exposure. Therefore, there is a need for rapid treatment of any exposure.

**4.6 Note to Physicians:** Treat symptomatically. 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: Not Flammable.** 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 chemicals, or foam.

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**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:** Ventilate area. Wear adequate protective equipment.

**6.2 Spills:** Avoid direct contact with the material. Stop leak if without risk. Move containers from the spill area. Prevent entry into sewers or waterways. Contain and collect spillage with non-combustible, absorbent material such as sand, earth, vermiculite, or diatomaceous earth and place it in a container for disposal.

## Section 7 - Handling and Storage

**7.1 Handling Precautions:** Do not take them internally. Prevent eating, drinking, tobacco use, and cosmetic application in areas with potential exposure to the material. Avoid contact with eyes, skin, and clothing. Avoid inhalation of dust or vapor. Wear appropriate chemical protective clothing and equipment. Always wash thoroughly after handling.

**7.2 Storage Requirements:** Store in the original manufacture container tightly closed in a cool, dry, and well-ventilated area.

**7.3 Chemical Incompatibilities:** Strong oxidizing agents and strong acids.

## Section 8 - Exposure Controls / Personal Protection

### 8.1

Chemical Names	ACGIH- TLV	OSHA - PEL
1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.	None Shown	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).

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## 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



Splash Goggles



Gloves



Protective Apron



Vapor Respirator

## Section 9 - Physical and Chemical Properties

### 9.1

**Physical State:** Liquid

**Appearance:** Amber

**Odor:** Characteristic order

**Vapor Pressure:** Not Available

**Vapor Density (Air=1):** >1

**Specific Gravity (H2O=1):** 0.9

**Relative Density:** Not Available

**Odor Threshold:** Not Available

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

**Evaporation rate:** Not Available

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

**pH:** 10.5

**Water Solubility:** Dispersible in water

**Flash Point:** 356 F 180C

**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.

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## Section 11- Toxicological Information

### 11.1

Product Name	Results	Species	Dose	Exposure
1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.	Oral LD50	Rat	No data shown	None Listed
1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.	Dermal LC50	Rabbit	No data shown	None Listed
1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.	Inhalation LC50	Rat	No data shown	None Listed

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

**11.1.2** OECD Guideline Test results found in the European Chemical Agency Database show that no components of this product cause Inhalation Toxicity.

**11.1.3** OECD Guideline Test results found in the European Chemical Agency Database show that no

**11.2 Route of Entry:** Inhalation, Ingestion, Absorption, Skin, and 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:** European Chemical Agency Database show no components of this product to cause genetic defects.

**11.5 Skin Corrosion/Irritation:** OECD Guideline Tests results found in the European Chemical Agency Database show that this product's components cause skin damage. Exposure may cause non-reversible damage.

**11.6 Serious Eye Damage/Irritation:** OECD Guideline Test results found in the European Chemical Agency Database show that components cause serious eye damage. Exposure may cause irreversible damage.

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

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

**11.9 Respiratory Sensitisation** 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 no components of this product may cause damage to organs. However, it could cause irreversible damage to the skin and eyes.

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**11.11 Target Organ Toxicity (Repeated Exposure):** European Chemical Agency Database shows that no components of this product may cause damage to organs. However, it could cause irreversible damage to the skin and eyes.

**11.12 Signs and Symptoms:** Inhalation of vapors and aerosols in high concentrations may irritate the respiratory system. It May cause skin and eye burns. Ingestion may cause nausea, vomiting, and abdominal pain.

**11.13 Carcinogenicity:** European Chemical Agency Database shows that no components of this product cause cancer.

### Section 12 - Ecological Information

#### 12.1

Product Name	Results	Species	Exposure
1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.	LC50 0.11 mg/l	Fish	96 hours
1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.	EC50 0.4 mg/l	Daphnia	48 hours
1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.	EC50 491 mg/l	Algae	96 hours

**Toxicity:** OECD Guideline Test results found in the European Chemical Agency Database show components of this product to be very toxic and can cause long-term toxicity to aquatic life.

**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.

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## Section 14 - Transport Information

### 14.1 DOT Transport Information



**ID No.:** UN 3267

**Shipping Name:** Corrosive liquids base, organic, n.o.s (1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.)

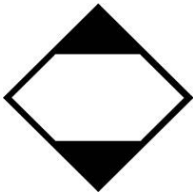
**Hazard Class:** 8

**Packing Group:** III

**Label:** Corrosive

**Placard:** Corrosive

**Marking:** MARINE POLLUTANT when shipping ground greater than 119 gallons' single container or any quantity by water.



Use marking when shipping as a consumer commodity ground in the US

### 14.2 DOT Transport Limited Quantity/Consumer Commodity

Inner packaging not over

5.0L (1.3 gallons) net capacity each.

Outer Package not over 30kg (66lbs) each

## 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



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## 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.

## 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** 12/09/2022

**SDS Previous Issue Date:** None

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