

Hydraulic Oil Fix

Safety Data Sheet

Issue Date: 9/21/2020

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Hydraulic Oil Fix

Other means of identification

SDS #

Product Code 13788
UN/ID No UN3267

Recommended use of the chemical and restrictions on use

Recommended Use

Details of the supplier of the safety data sheet

Manufacturer Address

B3C Fuel Solutions
108 Daytona Street
Conway, SC 29526

Emergency Telephone Number

Company Phone Number Phone: 843-347-0482
FAX: 866-929-7173
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Amber liquid

Physical State Liquid

Odor Characteristic

Classification

Skin corrosion/irritation	Category 1 Sub-category C
Serious eye damage/eye irritation	Category 1

Signal Word

Danger

Hazard Statements

Causes severe skin burns and eye damage



Precautionary Statements - Prevention

Do not breathe fume/gas/mist/vapors/spray
 Wash face, hands and any exposed skin thoroughly after handling
 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Immediately call a poison center or doctor/physician
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 Wash contaminated clothing before reuse
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 IF SWALLOWED: rinse mouth. Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of in accordance with federal, state and local regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Neutralized Tall Oil Fatty Acid	N/A	100

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Immediately call a poison center or doctor/physician. Provide this SDS to medical personnel for treatment.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not apply any medicated agents except on the advice from a physician.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not apply any medicated agents except on the advice from a physician.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Do NOT use mouth-to-mouth resuscitation.
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 airway is open, position with head lower than body and transport immediately to a medical facility.

Most important symptoms and effects

Symptoms	Inhalation of vapors and/or aerosols in high concentration may cause irritation of respiratory system. May cause skin and eye irritation. Ingestion may cause nausea, vomiting and abdominal pain.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry powder. Foam. Carbon dioxide (CO₂).

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Non-flammable solution.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Prevent human exposure to fire, fumes, smoke and products of combustion. Evacuate non-essential personnel.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Wear chemical safety glasses with side shields or chemical goggles and heavy rubber gloves.
Environmental Precautions	Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Clean-Up	Cover and contain spill with an absorbent material such as pet litter, sand or vermiculite. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling	Do not take internally. Prevent eating, drinking, tobacco use and cosmetic application in areas where there is a potential for exposure to the material. Avoid contact with eyes, skin and clothing. Avoid inhalation of dusts or vapors. Wear appropriate chemical protective clothing and equipment. Always wash thoroughly after handling.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from excessive heat. Keep from freezing. Store only in approved containers. Store locked up.
Incompatible Materials	Strong oxidizing agents. Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines No exposure limits noted for ingredient(s)

Appropriate engineering controls

Engineering Controls	Use Mechanical (general) ventilation for storage areas. All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Eyewash stations. Showers.
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Individual protection measures, such as personal protective equipment

Eye/Face Protection	Use approved eye protection to avoid eye contact.
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Skin and Body Protection	Chemical resistant, impermeable gloves.
Respiratory Protection	Where there is a potential for airborne exposures, wear NIOSH approved respiratory protection.
General Hygiene Considerations	Avoid contact with eyes, skin and clothing. Avoid inhalation of contaminant. Wash thoroughly after handling. Do not eat, drink, use tobacco products, chew gum or apply cosmetics in area where there is potential for exposure to this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Characteristic
Appearance	Amber liquid	Odor Threshold	Not determined
Color	Amber		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	10.5	(1% solution)	
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Not determined		
Flash Point	> 180 °C / > 356 °F	ASTM D56-98a Tag Closed Cup	
Evaporation Rate	Slower than butyl acetate		
Flammability (Solid, Gas)	n/a-liquid		
Upper Flammability Limits	No test data available		
Lower Flammability Limit	No test data available		
Vapor Pressure	Not determined		
Vapor Density	Estimated heavier than air		
Specific Gravity	0.9	(1=Water)	
Water Solubility	Dispersible in water		
Solubility in other solvents	Not determined		
Partition Coefficient	Not available		
Auto-ignition Temperature	No test data available		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		
VOC Content (%)	Not determined		
Density	7.5 lb/gal		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Excessive heat.

Incompatible Materials

Strong oxidizing agents. Strong acids.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

Eye Contact	Causes serious eye damage.
Skin Contact	Causes severe skin burns.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not taste or swallow.

Component Information Not available**Information on physical, chemical and toxicological effects****Symptoms** Please see section 4 of this SDS for symptoms.**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.**Numerical measures of toxicity**

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**OECD 202 EC50 48hr (daphnia magna) 0.9 mg/L
OECD 209 ASRIT EC50 74.5 mg/L.**Component Information** Not available**Persistence/Degradability**

OECD 301B 28 day biodegradability 20%.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No	UN3267
Proper Shipping Name	Corrosive liquid, basic, organic, n.o.s. (Substituted imidazoline)
Hazard Class	8
Packing Group	III

IATA

UN/ID No	UN3267
Proper Shipping Name	Corrosive liquid, basic, organic, n.o.s. (Substituted imidazoline)
Hazard Class	8
Packing Group	III

IMDG

UN/ID No	UN3267
Proper Shipping Name	Corrosive liquid, basic, organic, n.o.s. (Substituted imidazoline)
Hazard Class	8
Packing Group	III

15. REGULATORY INFORMATION

International Inventories

TSCA	All ingredients are listed or exempt from listing on Chemical Substance Inventory
DSL	Listed
EINECS	On inventory
ELINCS	On inventory
ENCS	On inventory
KECL	On inventory
PICCS	On inventory
AICS	On inventory

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

CERCLA

Does not apply

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

US State Regulations

California Proposition 65

This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

U.S. State Right-to-Know Regulations

Not determined

16. OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	3	1	0	Not determined
HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection
	3	1	0	D

Issue Date: 9/1/2020

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet