

Issue Date: 22-Oct-2020

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Version 1

## 1. IDENTIFICATION

**Product Name** ASHBURN 810-HF Hydraulic System Additive  
**Other means of identification** F-8100-55  
**Recommended Use** Hydraulic fluid additive  
**Supplier Address** Ashburn Chemical Technologies  
 7403 Wright Rd  
 Houston, TX 77041  
**Company Phone Number** 832-399-1000  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
 1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification of the substance or mixture

Not a hazardous substance or mixture according to the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), The Canadian Workplace Hazardous Information System (WHMIS) and Directive 1999/45/EC and its subsequent amendments.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Additive package	proprietary	1 - 3

\*\*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** Provide this SDS to medical personnel for treatment.  
**Eye Contact** Flush eyes with plenty of water for several minutes. If irritation or redness persists, get medical attention.  
**Skin Contact** Wash contact areas with soap and water. Remove contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.  
**Inhalation** If irritation, headache, nausea or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.  
**Ingestion** If swallowed, observe for signs of stomach discomfort or nausea. If symptoms persist, get medical attention. Do not induce vomiting.

### Indication of any immediate medical attention and special treatment needed

**Notes to Physician**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Flammable Properties:**

Flash Point (Cleveland Open Cup): Not determined  
Auto Ignition Temperature: Not determined  
Lower Explosive Level (LEL): Not Determined  
Upper Explosive Level (UEL): Not Determined  
Flammability Classification: OSHA Not flammable

**Suitable / Unsuitable  
Extinguishing Media**

Dry chemical, foam, CO2 and water mist or fog. Water may be used to cool below flash point. Do not use forced stream as this could cause fire to spread. Class ABC fire extinguisher

**Specific Hazards Arising/  
Combustion Products**

Highly dependent on combustion conditions. A mixture of airborne solids, liquids and gases including smoke, fumes, carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.

**Protective equipment /  
Precautions for firefighters**

This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined spaces without proper protective equipment. Firefighting personnel should wear respiratory protection and flame retardant clothing. (positive pressure if available).

**General Fire Hazard**

No unusual fire or explosion hazards noted.

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Do not breathe dust/fume/gas/mist/vapors/spray.  
See SECTION 8 for Personal Protective Equipment.

**Environmental Precautions**

Prevent entry into drains, waterways, rivers, lakes, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.  
See SECTION 12 for Ecological Information

**Methods for Clean-Up**

Absorb or cover with dry earth, sand or other non-combustible material.  
Sweep up absorbed material and shovel into suitable containers for disposal.  
Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.  
See SECTION 13 for Waste Disposal

**7. HANDLING AND STORAGE****Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice.  
Wash face, hands, and any exposed skin thoroughly after handling.  
See SECTION 8 for Personal Protection.  
See SECTION 2 for Precaution Statements.

**Storage Conditions**

Keep container tightly closed and store in a cool, dry and well-ventilated place.  
Do not store in open or unlabeled containers. Store away from heat and open flame.

**Incompatible Materials**

Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

None of the components have assigned exposure limits

**Appropriate engineering controls**

**Engineering Controls** No data available

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** If contact is likely, safety glasses with side shields are recommended.

**Skin and Body Protection** Chemical, and oil resistant clothing is recommended.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations** Avoid contact with skin, eyes and clothing.  
Wash hands after handling this product and before eating, drinking, or smoking.  
If needed, take first aid action shown on section 4 of this SDS.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild petroleum odor
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Amber / Golden-brown		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
<b>pH</b>	9.06		
<b>Melting Point/Freezing Point</b>	N/A		
<b>Boiling Point/Boiling Range</b>	Not determined	ASTM D-2887	
<b>Flash Point</b>	Not determined	Cleveland Open Cup	ASTM D-92
<b>Auto-ignition temperature</b>	Not determined	ASTM E-659	
<b>Evaporation Rate</b>	Not determined		
<b>Upper / Lower Flammability Limits</b>	Not determined		
<b>Upper/lower Explosive Limit</b>	Not determined		
<b>Vapor Pressure</b>	Not determined		
<b>Vapor Density</b>	> 5		
<b>Relative Density</b>	7.4-7.5 lb/gal	(20°C)	ASTM D-4052
<b>Specific Gravity</b>	1.02 – 1.03		
<b>Water Solubility</b>	Soluble		
<b>Solubility in other solvents</b>	Not determined		
<b>Viscosity</b>	Not determined	@ 40°C	ASTM D-445
<b>Partition Coefficient</b>	Not determined	n-octanol / water	

**10. STABILITY AND REACTIVITY**

**Reactivity** Not reactive under normal conditions.

**Chemical Stability** Stable under recommended storage conditions.

**Possibility of Hazardous Reactions** Stable under recommended storage conditions.

**Conditions to Avoid** Incompatible Materials. Heat, flame.

**Incompatible Materials** Strong oxidizing agents.

**Hazardous Decomposition Products** Thermal decomposition and combustion are not expected to occur except under extreme conditions.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

<b>Eye Contact</b>	May cause eye irritation with discomfort, tearing, or blurring of vision..
<b>Skin Contact</b>	Frequent or prolonged contact may cause redness and irritation.
<b>Inhalation</b>	Prolonged inhalation may be harmful. Hot vapors may cause respiratory irritation.
<b>Ingestion</b>	May be harmful if swallowed.

<b><u>Component Information</u></b>	None known
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**Information on physical, chemical and toxicological effects**

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
<b>Acute Toxicity</b>	Not determined
<b>Skin Sensitization</b>	May cause defatting of the skin, but is neither an irritant nor a sensitizer
<b>Chronic Effects</b>	None known
<b>Germ cell Mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Meet EU requirements of less than 3% DMSO extract as measured for total Polycyclic aromatic compound (PAC) using IP 346, hence the classification of a carcinogen need not apply.
<b>Numerical measures of toxicity</b>	Not determined
<b>Unknown Acute Toxicity</b>	Not determined.

**12. ECOLOGICAL INFORMATION**

<b><u>Ecotoxicity</u></b>	Not expected to be toxic to aquatic life.
<b>Persistence/Degradability</b>	Not determined.
<b>Bioaccumulation</b>	Not determined
<b>Mobility</b>	Not determined
<b>Other Adverse Effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected.

**13. DISPOSAL CONSIDERATIONS**

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

## 14. TRANSPORT INFORMATION

<b>DOT</b>	Not regulated
<b>IATA</b>	Not regulated.
<b>IMDG</b>	Not regulated.

## 15. REGULATORY INFORMATION

**International Inventories** All items listed or exempt

**US Federal Regulations**

**CERCLA** This material does not contain a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 255)

**SARA 311/312 Hazard Categories** This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

**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

**CWA (Clean Water Act)** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**California Proposition 65** This product does not contain any Prop 65 Chemicals

## 16. OTHER INFORMATION

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	1	0	None
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	1	0	determined by end user

**Issue Date:** 22-Oct-2020

**Review and Update** Creation date for SDS

**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**