

# Safety Data Sheet

**QSF-86**

Foamer

Last Revised

2-25-17

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## 1 - GENERAL INFORMATION

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<b>Manufacturer:</b> Quick Pump Service LLC P.O. Box 813 7284 S. Hwy 81 Hennessey OK. 73742	<b>Information Phone:</b> 405-853-1519
	<b>Emergency Phone:</b> 405-853-1519

**Generic Name:** Surfactant Blend

**Product Class:** Foamer

**DOT Proper Shipping Name:** Combustible liquid, N.O.S. 3, UN 1230, PG III,  
Drum quantities are not regulated by DOT

<b>NFPA Classification:</b>	<b>Health: 2</b>	<b>Flammability: 2</b>	<b>Reactivity: 0</b>
<b>Specific Hazard:</b>	N/AP		
<b>DOT/CERCLA RQ:</b>			

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## 2 - SUMMARY OF HAZARDS

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### DANGER

**Physical Hazards:**  
**Acute Health Effects**

Combustible Liquid  
Suspect Inhalation Hazard  
Suspect Eye Contact Hazard  
Suspect Skin irritation Hazard  
Suspect Ingestion Hazard  
No Data Found On Skin Absorption  
May Cause Liver & Kidney Damage

**Chronic Health Effects**

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## 3 - HAZARDOUS COMPONENTS

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Component	CAS#	%Composition By Volume
2-Butoxyethanol	111-76-2	Proprietary Information
Methyl Alcohol	67-56-1	Proprietary Information

This Product Contains No SARA Section 313 Listed Chemicals.

US TOSCA Inventory: All Components are included in the US TOSCA Inventory

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## 4 - PHYSICAL AND CHEMICAL DATA

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<b>Boiling Point:</b>	212 F	<b>pH</b>	7-8.5
<b>Freezing Point:</b>	<- 0 F	<b>Dry Point</b>	N/DA
<b>Specific Gravity:</b>		<b>Volatile Chara.</b>	Slight
<b>(H<sub>2</sub>O=1 @ 39.2 F)</b>	1.02	<b>Solubility In Water:</b>	Complete
<b>Viscosity (Brookfield)</b>	N/DA	<b>Stability:</b>	Stable

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## 4 - PHYSICAL AND CHEMICAL DATA (continued)

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**Vapor Specific Gravity:**

F) N/ND

**Hazardous Polymerization:**

Not occur (Air=1 @ 60-90

**Appearance And Odor:**

Blue Liquid  
Alcohol Odor

**Conditions And Materials To Avoid:**

Heat, sparks, open flames, strong acids,  
strong oxidizing agents

**Hazardous Decomposition Products:**

Smoke, Carbon Monoxide, Carbon Dioxide, Oxides Of Nitrogen

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## 6 - FIRE AND EXPLOSION

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**Flash Point:** > 100 F

**Autoignition Temperature:** N/DA

**Flammable Limits (% Volume in Air)**

**Lower:** ND

**Upper:** ND

**Fire And Explosion Hazards:**

Containers may explode due build up of internal pressure, if confined to fire.

**Extinguishing Media:** Dry Chemical, CO2, Foam

**Special Fire Fighting Procedures:**

Do not enter fire area without proper protection. See Section 4 - Decomposition products possible. Fight fire from a safe distance in a protected location. Heat may build pressure and rupture closed containers, spreading the fire and increasing the risk of burns and injuries. Use water spray/ fog for cooling, but avoid frothing/ steam explosion. Burning liquid may float on water. Notify authorities if liquid enters sewer/public waters.

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## 7 - HEALTH HAZARDS

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**Routes Of Exposure:**

**Inhalation:** Primary Route

Causes irritation of the nose and throat with headache. Breathing high concentrations may cause nausea, vomiting, headache, dizziness and irregular eye movements. May damage liver, Kidneys or circulatory system.

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## 7 - HEALTH HAZARDS

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**Eye Contact:** Primary Route

Although no appropriate human or animal effects data are known to exist, this material is expected to cause severe eye irritation.

**Skin Absorption:**

Although no appropriate human or animal health effects are known to exist, this material is not expected to be a health hazard by skin absorption.

**Skin Irritation:** Primary Route

Causes irritation and drying of skin.

**Ingestion:**

May cause nausea, vomiting, dizziness, blurred vision, reduced body temperature, weak irregular pulse and nervous system effects. May damage red blood cells, kidneys and liver.

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## 8 - PROTECTIVE EQUIPMENT / CONTROL MEASURES

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**Respiratory Protection:**

If the exposure can exceed the PEL/TLV, use only NIOSH/MSHA approved purifying or supplied air respirator, operated in a positive pressure mode per the NIOSH/MSHA 1981 occupational health guidelines for chemical hazards.

**Eye Protection:**

Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles. Contact lenses must not be worn.

**Skin Protection:**

When skin contact is possible, protective clothing including gloves, apron sleeves, boots head and face protection should be worn. This equipment must be cleaned thoroughly after each use.

**Engineering Controls:**

Local exhaust may be required to meet exposure standards in addition to general room ventilation.

**Other Hygienic Practices:**

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**Other Work Practices:**

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing/ wash thoroughly before reuse. Shower after work using plenty of soap and water.

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## 9 - EMERGENCY AND FIRST AID

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**Inhalation:**

If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.

**Eye Contact:**

In case of eye contact, immediately rinse with clean water for 20 - 30 minutes. Retract eyelids often. Obtain emergency medical attention.

**Ingestion:**

If swallowed, give water and induce vomiting, give activated charcoal slurry. Never give anything by mouth to an unconscious person. Seek medical attention.

**Emergency Medical Treatment Procedures:**

If swallowed induce vomiting. Gastric Lavage is recommended. For eye contact, continue to rinse eye with clean water for 20 - 30 minutes, retracting eyelids often. Contact ophthalmologist immediately.

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## 10 - SPILL AND DISPOSAL

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**Precautions If Material Is Spilled Or Released:**

Evacuate/limit access. Prevent flow to sewers or public waters. Recover large land spills. Soak up small spills. For spills on water, contain/minimize dispersion and collect. Report per regulatory requirements.

**Waste Disposal Methods:**

Contaminated product/soil/water may be RCRA/OSHA hazardous waste due to low flash point. Landfill solids at permitted sites. Use registered transporters. Burn concentrated liquids in approved waste incinerators. Assure emissions and effluents comply with application regulations.

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## 11 - ADDITIONAL PRECAUTIONS

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**Handling And Storage Procedures:**

For industrial use only. Keep out of reach of children. Store in tightly closed/properly vented containers away from heat, sparks, open flame or strong oxidizing agents. Store drums with bungs in up position. Carefully vent internal pressure before removing closure.

**Decontamination Procedures:**

When cleaning or repairing equipment contaminated with this product, goggles, gloves and boots should be worn. See protective equipment in section 8 for proper respiratory protection.

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## 12 - SUPPLEMENT

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### Note - Qualifiers and codes used in this SDS

EQ	Equal	AP	Approximately
LT	Less Than	GT	Greater Than
TR	Trace	UK	Unknown
N/AP	Not Applicable	N/P	No Appreciable Info.
N/DA	No Data Available	@	At

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## 13 - DISCLAIMERS

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Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself.

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness.

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

This SDS has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1200).