



## Safety Data Sheet

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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

**Material Name** : **QUIN SYN FG-46**  
**Uses** : Mixture.  
**Manufacturer/Supplier** : **Quincy Compressor**  
701 N. Dobson Ave.  
Bay Minette, AL 36507  
US.  
**Telephone** : Please contact the nearest Quincy Compressor office in US: 251.937.5900  
**Emergency Telephone** : Only for transport emergency call Chemtrec: +1 703 527 3887 or within USA:  
800 424 9300.

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### 2. HAZARDS IDENTIFICATION

**Hazard Classification** : Not classified.  
**Label Elements**  
**Hazard Symbol** : No symbol  
**Signal Word** : No signal word  
**Hazard Statement** : Not applicable  
**Precautionary Statement**  
: Not applicable  
**Other hazards which do not result in GHS classification**  
: None identified.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**General information** : The components are not hazardous or are below required disclosure limits

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### 4. FIRST AID MEASURES

**Ingestion** : Treat symptomatically. Get medical attention.  
**Inhalation** : Remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. Call a poison center or doctor if you feel unwell.  
**Skin Contact** : Wash with soap and water. If skin irritation occurs, get medical attention. Remove contaminated clothing. Launder contaminated clothing before reuse.  
**Eye Contact** : Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses.  
**Most important symptoms/effects, acute and delayed**  
**Symptoms** : See section 11.  
**Most important symptoms/effects, acute and delayed**  
**Treatment** : Treat symptomatically.

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### 5. FIRE FIGHTING MEASURES

**General Fire Hazards** : Use water to cool containers exposed to fire.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media**

: CO<sub>2</sub>, dry chemical, foam, water spray, water fog.

**Unsuitable extinguishing media**

: Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**

: A solid stream of water will spread the burning material. Material creates a special hazard because it floats on water. See section 10 for additional information. Burning may produce irritating, toxic and obnoxious fumes. Container may rupture on heating. Spills produce extremely slippery surfaces.

**Special protective equipment and precautions for firefighters**

**Special firefighting procedures**

: No data available.

**Special protective equipment for fire-fighters**

: Wear full protective firegear including self-containing breathing apparatus operated in the positive pressure mode with full facepiece, coat, pants, gloves and boots.

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### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

: Only trained personnel should be permitted in area. Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Caution: Contaminated surfaces may be slippery.

**Methods and material for containment and cleaning up**

: Dike far ahead of larger spill for later recovery and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.

**Environmental Precautions**

: Avoid release to the environment. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so.

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### 7. HANDLING AND STORAGE

**Precautions for safe handling**

: Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Keep away from ignition sources such as heat, sparks and open flame. No smoking. Open container in a well ventilated area. Avoid breathing vapors. Keep containers closed when not in use. Do not discharge into drains or the environment, dispose to an authorized waste collection point. Use appropriate containment to avoid environmental contamination. Avoid

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prolonged exposure to heat and air. Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid inhalation of aerosol, mist, spray, fume or vapor. Ground container and transfer equipment to eliminate static electric sparks. Do not breathe thermal decomposition products. Wash thoroughly after handling. Launder contaminated clothing before reuse. Empty containers retain material residue. Do not cut, weld, braze, solder, drill, grind or expose containers to heat, flame, spark or other sources of ignition.

**Maximum Handling Temperature**

: Not determined.

**Conditions for safe storage, including any incompatibilities**

: See section 10 for incompatible materials. Keep material from heat, light, sparks and flame. Store separately from oxidizers. Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures.

**Maximum Storage Temperature**

: Not determined.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters****Occupational Exposure Limits**

: None of the components have assigned exposure limits.

**Appropriate engineering controls**

: Adequate ventilation should be provided so that exposure limits are not exceeded.

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

**General information** : Use personal protective equipment as required.

**Eye/face protection** : If contact is likely, safety glasses with side shields are recommended.

**Skin Protection**

**Hand Protection** : Suitable gloves can be recommended by the glove supplier. Consult clothing/glove manufacturer to determine appropriate type of glove for given situation. Gloves should always be inspected before each use and discarded if they show tears, pinholes, or signs of wear

**Other** : Long sleeve shirt is recommended. Wear apron or protective clothing in case of contact. Do not wear rings, watches or similar apparel that could entrap the material. Use good industrial hygiene practices. In case of skin contact, wash hands and arms thoroughly with soap and water to prevent a skin reaction.

**Respiratory Protection** : Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator. Use respirator with a combination organic vapor and high efficiency filter cartridge if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

**Hygiene measures** : Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely

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wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	:	
<b>Physical state</b>	:	Liquid.
<b>Form</b>	:	liquid
<b>Color</b>	:	Colorless to yellow
<b>Odor</b>	:	Mild
<b>Odor threshold</b>	:	No data available.
<b>pH</b>	:	No data available.
<b>Freezing point</b>	:	No data available.
<b>Boiling Point</b>	:	No data available.
<b>Flash Point</b>	:	> 475.0 °F (246.1 °C) (ASTM D56 (Tag (Closed Cup)))
<b>Evaporation rate</b>	:	No data available.
<b>Flammability (solid, gas)</b>	:	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>		
<b>Flammability limit - upper (%)</b>	:	No data available.
<b>Flammability limit - lower (%)</b>	:	No data available.
<b>Explosive limit - upper (%)</b>	:	No data available.
<b>Explosive limit - lower (%)</b>	:	No data available.
<b>Vapor pressure</b>	:	No data available.
<b>Vapor density</b>	:	No data available.
<b>Relative density</b>	:	0.832 68 °F (20 °C)
<b>Solubility(ies)</b>	:	
<b>Solubility in water</b>	:	Insoluble in water
<b>Solubility (other)</b>	:	No data available.
<b>Partition coefficient (n-octanol/water)</b>		
	:	No data available.
<b>Auto-ignition temperature</b>	:	No data available.
<b>Decomposition temperature</b>		
	:	No data available.
<b>Viscosity</b>	:	46.9 mm <sup>2</sup> /s ( 104 °F (40 °C) ) 7.9 mm <sup>2</sup> /s (100 °C (212 °F) )
<b>Other information</b>		
<b>Bulk density</b>	:	6.94 lb/gal 77 °F (25 °C)

### 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	:	No data available.
<b>Chemical Stability</b>	:	Material is stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>		
	:	Will not occur.
<b>Conditions to Avoid</b>	:	Do not expose to excessive heat, ignition sources, or oxidizing materials.
<b>Incompatible Materials</b>	:	Strong mineral acids and strong oxidizing agents. Strong bases.



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### Hazardous Decomposition Products

: Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion.

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## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Inhalation** : No data available.  
**Ingestion** : No data available.  
**Skin Contact** : No data available.  
**Eye contact** : No data available.

### Information on toxicological effects

#### Acute toxicity

##### Oral

**Product** : Not classified for acute toxicity based on available data.

##### Dermal

**Product** : Not classified for acute toxicity based on available data.

##### Inhalation

**Product** : Not classified for acute toxicity based on available data.

**Skin Corrosion/Irritation** : No data available.

#### Serious Eye Damage/Eye Irritation

: No data available.

**Respiratory sensitization**: No data available

**Skin sensitization** : No data available

#### Specific Target Organ Toxicity - Single Exposure

: No data available

**Aspiration Hazard** : No data available

#### Chronic Effects

**Carcinogenicity** : No data available

#### IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

: No carcinogenic components identified

#### US. National Toxicology Program (NTP) Report on Carcinogens

: No carcinogenic components identified

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

: No carcinogenic components identified

**Germ Cell Mutagenicity** : No data available

**Reproductive toxicity** : No data available

#### Specific Target Organ Toxicity - Repeated Exposure

: No data available

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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

**Fish** : No data available

**Aquatic Invertebrates** : No data available



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**Toxicity to Aquatic Plants** : No data available

**Toxicity to soil dwelling organisms** : No data available

**Sediment Toxicity** : No data available

**Toxicity to Terrestrial Plants** : No data available

**Toxicity to Above-Ground Organisms** : No data available

**Toxicity to microorganisms** : No data available

**Persistence and Degradability**  
**Biodegradation** : No data available

**Bioaccumulative Potential**  
**Bioconcentration Factor (BCF)** : No data available

**Partition Coefficient n-octanol / water (log Kow)** : No data available

**Mobility** : No data available

**Other Adverse Effects** : No data available.

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### 13. DISPOSAL CONSIDERATIONS

**Disposal instructions** : Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Since emptied containers retain product residue, follow label warnings even after container is emptied.

**Contaminated Packaging** : Container packaging may exhibit hazards.

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### 14. TRANSPORT INFORMATION

**DOT** : Not regulated.

**IMDG** : Not regulated.

**IATA** : Not regulated

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** : None known.

Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, package size, and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. Review classification requirements before shipping materials at elevated temperatures.



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### 15. REGULATORY INFORMATION

#### US Federal Regulations

##### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

: None present or none present in regulated quantities.

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories : None known.

##### SARA 302 Extremely Hazardous Substance

##### SARA 304 Emergency Release Notification

##### SARA 311/312 Hazardous Chemical

##### SARA 313 (TRI Reporting)

: This product may contain chemical(s) regulated under the Superfund Amendments and Reauthorization Act (SARA). For additional information please contact Lubrizol Customer Assistance: America(s): AmerLZAMCustomerAssistance@Lubrizol.com ; Europe: EMEAICustomerAssistance@Lubrizol.com ; Asia: APCustomerAssistance@Lubrizol.com

#### US State Regulations

##### US. California Proposition 65

: No ingredient regulated by CA Prop 65 present.

#### Inventory Status

Australia (AICS): All components are in compliance with chemical notification requirements in Australia.

Canada (DSL/NDSL) : All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

China (IECSC) : All components of this product are listed on the Inventory of Existing Chemical Substances in China.

#### European Union (REACH)

: To obtain information on the REACH compliance status of this product, please visit [Lubrizol.com/REACH](http://Lubrizol.com/REACH), or e-mail us at [REACH\\_MSDS\\_INQUIRIES@Lubrizol.com](mailto:REACH_MSDS_INQUIRIES@Lubrizol.com)

Japan (ENCS) : All components are in compliance with the Chemical Substances Control Law of Japan.

Korea (ECL) : All components are in compliance in Korea.

New Zealand (NZIoC) : All components are in compliance with chemical notification requirements in New Zealand.

#### Philippines (PICCS)

: All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

#### Switzerland (SWISS)

: All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.

Taiwan (TCSCA): All components of this product are listed on the Taiwan inventory.

#### United States (TSCA)

: All components of this material are on the US TSCA Inventory.

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The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.

### 16. OTHER INFORMATION

**HMIS Hazard ID** :

<b>Health</b>	0
<b>Flammability</b>	1
<b>Physical Hazards</b>	0

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

**NFPA Hazard ID** :



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

- Issue Date** : 03/08/2015
- Version #** : 1.0
- Source of information** : Internal company data and other publically available resources.
- Further Information** : Contact supplier (see Section 1)
- Disclaimer** : As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.