



The Science of Compressed Air

**MSDS**

**QuinSyn FG46**  
Material Safety Data Sheet

146076-MSD

GENERAL MSDS ASSISTANCE: QUINCY COMPRESSOR 217.222.7700			
ACUTE HEALTH*	FIRE	REACTIVITY	HAZARD RATING KEY:
0	1	0	0 - LEAST 1 - SLIGHT 2 - MODERATE 3 - HIGH 4 - EXTREME
*For acute and chronic health effects refer to the discussion in Section VII.			

**SECTION I**

**PRODUCT NAME AND INFORMATION**

**PRODUCT (TRADE NAME AND SYNONYMS):** QuinSyn FG46

CHEMICAL NAME: Polyaphaolefin

CHEMICAL FAMILY: Synthetic Hydrocarbon

FORMULA: C<sub>10</sub>NHn<sub>20+2</sub>

CAS#: Proprietary

**SECTION II**

**COMPONENTS AND HAZARD STATEMENT**

**This product is non-hazardous.** This product contains no known carcinogens. No special warning labels are required under OSHA 29 CFR 1910.1200. FDA states this product complies with FDA21CFR 178.3570 regarding lubricants for incidental food contact.

**WHMIS CLASSIFICATION: Not Controlled**

**SECTION III**

**PHYSICAL DATA**

Appearance:	Clear fluid, yellow to light brown tint
Boiling Point:	>300°F
Vapor Pressure:	<0.01 mmHg @ 20°C
Specific Gravity (water=1):	0.79-0.85
Volatiles, Percent by Volume:	0%
Odor:	None
Solubility in Water:	Insoluble
Evaporation Rate (butyl acetate=1):	Nil

**SECTION IV**

**FIRE AND EXPLOSION HAZARDS**

<b>Flash Point</b> (by Cleveland Open Cup):	>400°F
Flammable Limits:	Not Established
Autoignition Temperature:	No Data
HMIS Ratings:	
Health:	0
Flammability:	1
Reactivity:	0
NFPA Ratings:	Not Established

**Extinguishing Media:** Dry chemical; CO<sub>2</sub> foam; water spray (fog)

**Unusual Fire and Explosion Hazards:** None

**Special Fire Fighting Techniques:** Burning fluid may evolve irritating/noxious fumes. Fire fighters should use NIOSH/MNSA-approved self-contained breathing apparatus. Use water to cool fire-exposed containers. Use water carefully near exposed liquid to avoid frothing and splashing of hot liquid.

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**SECTION V****REACTIVITY DATA**Stability: **Stable**

Hazardous Polymerization: Will not occur

Incompatible Materials: Strong oxidizers, caustic or acidic solutions

Conditions to Avoid: Excessive Heat

Hazardous Decomposition Products: Analogous compounds evolve carbon monoxide, carbon dioxide, and other unidentified fragments when burned. See Section IV.

**SECTION VI****HEALTH HAZARD DATA**Threshold Limit Value: 5mg/m<sup>3</sup> ACGIH

Situations to Avoid: Avoid breathing oil mists

First Aid Procedures:

Ingestion: Consult physician at once. DO NOT INDUCE VOMITING. May cause nausea and diarrhea.

Inhalation: Product is not toxic by inhalation. If oil mist is inhaled, remove to fresh air and consult physician.

**To the best of our knowledge, the toxicity of this product has not been fully investigated. Analogous compounds are considered to be essentially non-toxic.****SECTION VII****PERSONAL PROTECTION INFORMATION**

Respiratory Protection: Use in well-ventilated area

Ventilation: Local exhaust

Protective Gloves: Not required, but recommended, especially for prolonged exposure.

Eye/Face Protection: Goggles

**SECTION VIII****SAFE HANDLING AND STORAGE****Handling:** Do not take internally. Avoid contact with skin, eyes, and clothing. Upon contact with skin, wash with soap and water. Flush eyes with water for 15 minutes and consult physician. Wash contaminated clothing before reuse.**Storage:** Keep container tightly sealed when not in use.**SECTION IX****SPILL OR LEAK PROCEDURES****In Case of Spill:** Wear suitable protective equipment, especially goggles. Stop source of spill. Dike spill area. Use absorbent materials to soak up fluid (i.e. sand, sawdust, and commercially available materials). Wash spill area with large amounts of water. Properly dispose of all materials.**SECTION X****WASTE DISPOSAL METHODS**

Incinerate this product and all associated wastes in a licensed facility in accordance with Federal, state and local regulations.

**SECTION XI****SPECIAL NOTES**

THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. HOWEVER, QUINCY COMPRESSOR MAKES NO WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. QUINCY COMPRESSOR ASSUMES NO RESPONSIBILITY FOR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.

Date Prepared: August 2009

BE SAFE: READ OUR PRODUCT SAFETY INFORMATION . . . AND PASS IT ON (PRODUCT LIABILITY LAW REQUIRES IT)