



Prepared according to 29CFR 1910.1200.

<b>1</b>	<b>Chemical Product and Company Identification</b>	
<b>Product Trade Name</b>	QUINSYN® FLEX	<b>Emergency Contact Information:</b> Quincy Compressor 701 North Dobson Avenue Bay Minette, AL 36507 217.222.7700
<b>CAS Number</b>	Not applicable for mixtures.	
<b>Synonyms</b>	None.	
<b>Generic Chemical Name</b>	Mixture.	
<b>Product Type</b>	Multipurpose.	
<b>Preparation/Revision Date</b>	Aug 2012	
<b>2</b>	<b>Hazards Identification</b>	
<b>Appearance</b>	Clear to yellow liquid.	
<b>Odor</b>	Mild	
<b>Principal Hazards</b>	This material has no known health hazards.	
<b>*See Section 11 for complete health hazard information.</b>		
<b>3</b>	<b>Composition/Information on Ingredients</b>	
<b>Hazardous Ingredients</b>	This material has no known hazards under applicable laws.	
<b>4</b>	<b>First Aid Measures</b>	
<b>Eyes</b>	Flush with water at least 30 minutes. Get medical attention if eye irritation develops or persists.	
<b>Skin</b>	Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.	
<b>Inhalation</b>	Remove exposed person to fresh air if adverse effects are observed.	
<b>Oral</b>	DO NOT INDUCE VOMITING. Get immediate medical attention.	
<b>Additional Information</b>	Note to physician: Treat symptomatically.	
<b>5</b>	<b>Fire Fighting Measures</b>	
<b>Flash Point</b>	>= 246 °C, 475 °F ASTM D 92 (Minimum)	
<b>Extinguishing Media</b>	CO <sub>2</sub> , dry chemical, or foam. Water can be used to cool and protect exposed material.	
<b>Firefighting Procedures</b>	Recommend wearing self-contained breathing apparatus. Water or foam may cause frothing. Avoid solid streams of water. Use water spray. Use water to cool containers exposed to fire.	
<b>Unusual Fire &amp; Explosion Hazards</b>	<b>See section 10 for additional information.</b>	
<b>6</b>	<b>Accidental Release Measures</b>	
<b>Spill Procedures</b>	Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Take precautions to avoid release to the environment. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways, dispose of in accordance with all federal, state and local environmental regulation. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.	



7	<b>Handling and Storage</b>
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<b>Pumping Temperature</b>	Not determined.
<b>Maximum Handling Temperature</b>	Not determined.
<b>Handling Procedures</b>	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. Wash thoroughly after handling. Launder contaminated clothing before reuse. Empty container contains product residue which may exhibit hazards of product. Dispose of packaging or containers in accordance with local, regional, national and international regulations.
<b>Maximum Storage Temperature</b>	Not determined.
<b>Storage Procedures</b>	Take precautions to avoid release to the environment. See section 10 for incompatible materials.
<b>Maximum Loading Temperature</b>	Not determined.

8	<b>Exposure Controls/Personal Protection</b>
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<b>Exposure Limits</b>	None established
<b>Other Exposure Limits</b>	Contains mineral oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter, ACGIH TWA of 5 mg per cubic meter.
<b>Engineering Controls</b>	Use with adequate ventilation.
<b>Gloves Procedures</b>	Nitrile.
<b>Eye Protection</b>	Safety Glasses.
<b>Respiratory Protection</b>	Use NIOSH/MSHA approved 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.
<b>Clothing Recommendation</b>	Long sleeve shirt is recommended. Launder contaminated clothing before reuse.

9	<b>Physical and Chemical Properties</b>
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<b>Flash Point</b>	>= 246 °C, 475 °F ASTM D 92 (Minimum)
<b>Upper Flammable Limit</b>	Not determined.
<b>Lower Flammable Limit</b>	Not determined.
<b>Autoignition Point</b>	Not determined.
<b>Explosion Data</b>	Material does not have explosive properties.
<b>Vapor Pressure</b>	Not determined.
<b>pH</b>	Not determined.
<b>Specific Gravity</b>	0.84 (20 °C)
<b>Bulk Density</b>	7.04 Lb/gal, 0.84 Kg/L
<b>Water Solubility</b>	Insoluble.
<b>Percent Solid</b>	Not determined.
<b>Percent Volatile</b>	Not determined.
<b>Volatile Organic Compound</b>	Not determined.
<b>Vapor Density</b>	Not determined.
<b>Evaporation Rate</b>	Not determined.
<b>Odor</b>	Mild



Appearance	Clear to yellow liquid.
Viscosity	48.5 Centistokes (40 °C) 8 Centistokes (100 °C)
Odor Threshold	Not determined.
Boiling Point	Not determined.
Pour Point Temperature	Not determined.
Melting / Freezing Point	Not determined.

*The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.*

10	<b>Stability and Reactivity</b>
Stability	Material is normally stable at moderately elevated temperatures and pressures.
Decomposition Temperature	Not determined.
Incompatibility	Oxidizing agents.
Polymerization	Will not occur.
Thermal Decomposition	Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.
Conditions to Avoid	Not determined.

11	<b>Toxicological Information</b>
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**-- ACUTE EXPOSURE --**

Eye Irritation	Not expected to cause eye irritation. Based on data from components or similar materials.
Skin Irritation	Not expected to be a primary skin irritant. Based on data from components or similar materials. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin.
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.
Dermal Toxicity	The LD50 in rabbits is > 2000 mg/Kg. Based on data from components or similar materials.
Inhalation Toxicity	No data available to indicate product or components may be a toxic inhalation hazard.
Oral Toxicity	The LD50 in rats is > 10,000 mg/Kg. Based on data from components or similar materials.
Dermal Sensitization	No data available to indicate product or components may be a skin sensitizer.
Inhalation Sensitization	No data available to indicate product or components may be respiratory sensitizers.

**-- CHRONIC EXPOSURE --**

Chronic Toxicity	Daily administration in the diet of rats produced some toxic effects at levels as low as 1500 ppm. In dogs, no discernable toxic effects at 1500 ppm were reported. High levels of this material in the diet caused degenerative changes in the liver, kidney, adrenal medulla, and thyroid of rats and a decrease in blood prothrombin content in rats and dogs.
Carcinogenicity	This product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.



**Reproductive Toxicity** No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.

**Teratogenicity** No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

-- ADDITIONAL INFORMATION --

**Other** No other health hazards known.

12	<b>Ecological Information</b>
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-- ENVIRONMENTAL TOXICITY --

**Freshwater Fish Toxicity** Not determined.

**Freshwater Invertebrates Toxicity** Not determined.

**Algal Inhibition** Not determined.

**Saltwater Fish Toxicity** Not determined.

**Saltwater Invertebrates Toxicity** Not determined.

**Bacteria Toxicity** Not determined.

**Miscellaneous Toxicity** Not determined.

-- ENVIRONMENTAL FATE --

**Biodegradation** At least 25% of the components in this product show limited biodegradation based on OECD 301-type test data.

**Bioaccumulation** Less than 1.0% of the components potentially bioconcentrate, based on octanol/water coefficients.

**Soil Mobility** Not determined.

13	<b>Disposal Considerations</b>
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**Waste Disposal** This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

14	<b>Transport Information</b>
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**ICAO/IATA I** Not regulated.

**ICAO/IATA II** Not regulated.

**IMDG** Not regulated.

**IMDG EMS Fire** Not applicable.

**IMDG EMS Spill** Not applicable.

**IMDG MFAG** Not applicable.

**MARPOL Annex II** Not determined.

**USCG Compatibility** Not determined.

**U.S. DOT Bulk** Not regulated.

**DOT NAERG** Not applicable.

**U.S. DOT (Intermediate)** Not regulated.

**U.S. DOT Intermediate NAERG** Not applicable.

**U.S. DOT Non-Bulk** Not regulated.

**U.S. DOT Non-Bulk** Not applicable.



NAERG  
 Canada Not regulated.  
 Mexico Not regulated.  
 Bulk Quantity 85000 KG, 187391 lbs.  
 Intermediate Quantity 11000 KG, 24251 lbs.  
 Non-Bulk Quantity 400 KG, 882 lbs.

*Review classification requirements before shipping materials at elevated temperatures.*

15	Regulatory Information
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**-- Global Chemical Inventories --**

**USA** All components of this material are on the US TSCA Inventory or are exempt.

**Other TSCA Reg.** None known.

**EU** All components comply with the EU 7th Amendment and are approved for EU sales. Lubrizol must maintain records of all imports of this product into the EU. Third party importers are asked to report every import to The Lubrizol PSCD Manager (Europe), Hazelwood, Derby DE56 1QN, UK.

**Japan** All components are in compliance with the Chemical Substances Control Law of Japan.

**Australia** All components are in compliance with chemical notification requirements in Australia.

**New Zealand** All components are in compliance with chemical notification requirements in New Zealand.

**Canada** All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

**Switzerland** All components are in compliance with the Environmentally Hazardous Substance Ordinance in Switzerland. Lubrizol must maintain records of all imports of this product into Switzerland. Third party importers are asked to report every import to The Lubrizol PSCD Manager (Europe), Hazelwood, Derby DE56 1QN, UK.

**Korea** All components are in compliance in Korea.

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

**China** All components of this product are listed on the Inventory of Existing Chemical Substances in China.

**Taiwan** All components of this product are listed on the Taiwan inventory.

**-- Other U.S. Federal Regulations --**

**SARA Ext. Haz. Subst.** This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.

**SARA Section 313** This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

**SARA 311 Classifications**

Acute Hazard	No
Chronic Hazard	No
Fire Hazard	No
Reactivity Hazard	No

**CERCLA Hazardous Substances** None known.

**-- State Regulations --**

**Cal. Prop. 65** This product does not intentionally contain any chemicals known by the State of California to cause cancer and/or birth defects. Moreover, we do not routinely analyze its products for impurities which may be such chemicals.



-- Product Registrations --

U.S. Fuel Registration Not applicable.  
Finnish Registration Number Not Registered  
Swedish Registration Number Not Registered  
Norwegian Registration Number Not Registered  
Danish Registration Number Not Registered  
Swiss Registration Number Not Registered  
Italian Registration Number Not Registered

-- Other / International --

Miscellaneous Regulatory Information Not determined.

16	Other Information
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US NFPA Codes	Health	Fire	Reactivity	Special
	0	1	0	N/E

(N/E) - None established

HMIS Codes	Health	Fire	Reactivity
	0	1	0

Precautionary Labels

- This material has no known health hazards.

Revision Indicators This MSDS has no revisions since 18 June 2012