Material Safety Data Sheet
QUINSYN RECIP 20 WT, #111479


1  Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Product Trade Name</th>
<th>QUINSYN® RECIP 20 WT</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>Not applicable for mixtures.</td>
</tr>
<tr>
<td>Synonyms</td>
<td>None.</td>
</tr>
<tr>
<td>Generic Chemical Name</td>
<td>Mixture.</td>
</tr>
<tr>
<td>Product Type</td>
<td>Multipurpose.</td>
</tr>
<tr>
<td>Preparation/Revision Date</td>
<td>Aug 2012</td>
</tr>
</tbody>
</table>

2  Hazards Identification

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Clear to yellow liquid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Principal Hazards</td>
<td>This material has no known health hazards.</td>
</tr>
</tbody>
</table>

*See Section 11 for complete health hazard information.

3  Composition/information on Ingredients

| Hazardous Ingredients | This material has no known hazards under applicable laws. |

4  First Aid Measures

<table>
<thead>
<tr>
<th>Eyes</th>
<th>Flush with water at least 30 minutes. Get medical attention if eye irritation develops or persists.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Remove exposed person to fresh air if adverse effects are observed.</td>
</tr>
<tr>
<td>Oral</td>
<td>DO NOT INDUCE VOMITING. Rinse with water. Get immediate medical attention.</td>
</tr>
<tr>
<td>Additional Information</td>
<td>Note to physician: Treat symptomatically.</td>
</tr>
</tbody>
</table>

5  Fire Fighting Measures

<table>
<thead>
<tr>
<th>Flash Point</th>
<th>270 °C, 519.1 °F ASTM D 92 (Typical)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extinguishing Media</td>
<td>CO2, dry chemical, or foam. Water can be used to cool and protect exposed material.</td>
</tr>
<tr>
<td>Firefighting Procedures</td>
<td>Recommend wearing self-contained breathing apparatus. Water may cause splattering.</td>
</tr>
<tr>
<td>Unusual Fire &amp; Explosion Hazards</td>
<td>See section 10 for additional information.</td>
</tr>
</tbody>
</table>

6  Accidental Release Measures

| Spill Procedures | 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. |

Emergency Contact Information:
Quincy Compressor
701 North Dobson Avenue
Bay Minette, AL 36507
217.222.7700
7 Handling and Storage

Pumping Temperature
Maximum Handling Temperature
Handling Procedures

Not determined.
Not determined.
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. 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.

Maximum Storage Temperature
Storage Procedures
Maximum Loading Temperature

Not determined.
Take precautions to avoid release to the environment. See section 10 for incompatible materials.
Not determined.

8 Exposure Controls/Personal Protection

Exposure Limits
Other Exposure Limits
Engineering Controls
Gloves Procedures
Eye Protection
Respiratory Protection

None established
Contains synthetic basestock. Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter, ACGIH TWA of 5 mg per cubic meter for mineral oil mists.
Use with adequate ventilation.
Nitrile.
Safety Glasses.
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.

Clothing Recommendation

Long sleeve shirt is recommended. Launder contaminated clothing before reuse.

9 Physical and Chemical Properties

Flash Point
Upper Flammable Limit
Lower Flammable Limit
Autoignition Point
Explosion Data
Vapor Pressure
pH
Specific Gravity
Bulk Density
Water Solubility
Percent Solid
Percent Volatile
Volatile Organic Compound
Vapor Density
Evaporation Rate

270 °C, 519.1 °F ASTM D 92 (Typical)
Not determined.
Not determined.
Not determined.
Material does not have explosive properties.
Not determined.
Not determined.
0.83 (20 °C)
Not determined.
Insoluble.
Not determined.
Not determined.
Not determined.
Not determined.
Not determined.
Odor Mild
Appearance Clear to yellow liquid.
Viscosity Not determined.
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.

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

11 Toxicological Information

**-- 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 contact may cause dermatitis.

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 > 2000 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 No data available to indicate product or components present at greater than 1% are chronic health hazards.

Carcinogenicity No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

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 Ecological Information

-- ENVIRONMENTAL TOXICITY --

**Freshwater Fish Toxicity**
Not determined.

**Freshwater Invertebrates Toxicity**
The acute EC50 is 10 - 100 mg/L based on component data.

**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**
1 - 10% of the components potentially bioconcentrate, based on octanol/water coefficients.

**Soil Mobility**
Not determined.

13 Disposal Considerations

**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 Transport Information

**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 NAERG**
Not applicable.

**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.

<table>
<thead>
<tr>
<th>15</th>
<th>Regulatory Information</th>
</tr>
</thead>
</table>

**-- 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 are in compliance with the EC Seventh amendment Directive 92/32/EEC.

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 Substances Ordinance in Switzerland.

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 --**

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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Chronic Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactivity Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

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
Material Safety Data Sheet
QUINSYN RECIP 20WT, #111479

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

<table>
<thead>
<tr>
<th>US NFPA Codes</th>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>N/E</td>
</tr>
</tbody>
</table>

(N/E) - None established

<table>
<thead>
<tr>
<th>HMIS Codes</th>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

Precautionary Labels
- This material has no known health hazards.

Revision Indicators
- Section: 11 Oral toxicity. Changed: 2 September 2011
- Section: 12 Bacteria toxicity. Changed: 2 September 2011
- Section: 16 HMIS codes. Changed: 2 September 2011