SAFETY DATA SHEET
Triene® CP1100, CP5000, CP80

1. IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Triene® CP1100, CP5000, CP80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identified uses</td>
<td>Viscosity modifier for oil. Plasticizer for polymers.</td>
</tr>
<tr>
<td>Supplier</td>
<td>Lion Copolymer Geismar, LLC</td>
</tr>
<tr>
<td></td>
<td>P.O. Box 397</td>
</tr>
<tr>
<td></td>
<td>Geismar</td>
</tr>
<tr>
<td></td>
<td>Louisiana 70734</td>
</tr>
<tr>
<td></td>
<td>USA</td>
</tr>
<tr>
<td>Telephone</td>
<td>+1 (800) 535-9960</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:customerservice@lionelastomers.com">customerservice@lionelastomers.com</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contact Person</th>
<th>Customer Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer</td>
<td>Lion Copolymer Geismar, LLC</td>
</tr>
<tr>
<td></td>
<td>36191 Louisiana Highway 30</td>
</tr>
<tr>
<td></td>
<td>Geismar</td>
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<td></td>
<td>Louisiana 70734</td>
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<tr>
<td></td>
<td>USA</td>
</tr>
</tbody>
</table>

| Emergency Telephone | Chemtrec: +1 703-527-3887 |

2. HAZARD(S) IDENTIFICATION

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Viscous liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Clear</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>GHS Pictogram</td>
<td>No pictogram required.</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>GHS Classification</th>
<th>Physical and Chemical Hazards</th>
<th>Not classified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human health</td>
<td>Not classified.</td>
<td></td>
</tr>
<tr>
<td>Environment</td>
<td>Not classified.</td>
<td></td>
</tr>
</tbody>
</table>

| OSHA Regulatory Status | This Product is Not Hazardous as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200 |

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ethylene-Propylene Copolymer | CAS # 9010-79-1 | >99% |

4. FIRST-AID MEASURES

**Description of first aid measures**

**Inhalation**
Move into fresh air and keep at rest. For breathing difficulties oxygen may be necessary. Get medical attention if any discomfort continues.

**Ingestion**
Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.
Skin Contact
Remove contaminated clothing immediately and wash skin with soap and water. Product in use may be molten. Burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

Eye Contact
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring these instructions.

Most important symptoms and effects, both acute and delayed

General Information
Seek medical attention for all burns, regardless how minor they may seem.

Inhalation
No specific symptoms noted.

Ingestion
No specific symptoms noted.

Skin Contact
No specific symptoms noted.

Eye Contact
No specific symptoms noted.

Indication of any immediate medical attention and special treatment needed

Notes to the Physician
No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

5. FIRE-FIGHTING MEASURES

Auto Ignition Temperature (°C)
Not available.

Flammability Limit – Lower (%)
Not available.

Flammability Limit – Upper (%)
Not available.

Flash point (°C)
Not applicable.

Extinguishing Media
Fire can be extinguished using: Water.

Hazardous combustion products
In case of fire, toxic gases (CO, CO₂, NOₓ) may be formed.

Unusual Fire & Explosion Hazards
No unusual fire or explosion hazards noted.

Specific Hazards
In case of fire, toxic gases may be formed.

Special Fire Fighting Procedures
Avoid breathing fire vapors. NOTE! Use air-supplied respirators to protect against gases/fumes.

Protective Equipment for Fire-Fighters
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Wear protective clothing as described in Section 8 of this material safety data sheet.

Environmental Precautions
Avoid discharge to the aquatic environment.

Spill Clean Up Methods
For waste disposal, see section 13.

Reference to other sections
Wear protective clothing as described in Section 8 of this material safety data sheet. For waste disposal, see section 13. See section 11 for additional information on health hazards.

7. HANDLING AND STORAGE

Handling
Avoid spilling, skin and eye contact.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment

Engineering Measures
Provide sufficient ventilation during operations which cause vapor formation.

Respiratory Equipment
In case of inadequate ventilation or when the product is heated, use suitable respiratory equipment with gas filter (type A2).

Hand Protection
Use suitable protective gloves if risk of skin contact.

Eye Protection
Wear approved safety goggles.

Thermal hazards
The molten product can cause serious burns.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Viscous liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Clear</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic.</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water Soluble in: Organic solvents</td>
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<tr>
<td>Initial boiling point and boiling range</td>
<td>Not applicable.</td>
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<tr>
<td>Melting point (°C)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not available.</td>
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<tr>
<td>Bulk Density</td>
<td>870 kg/m³</td>
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<tr>
<td>Vapor density (air=1)</td>
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</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available.</td>
</tr>
<tr>
<td>Evaporation rate</td>
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</tr>
<tr>
<td>Evaporation Factor</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>pH-Value, Conc. Solution</td>
<td>Not applicable.</td>
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<tr>
<td>pH-Value, Diluted Solution</td>
<td>Not applicable.</td>
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<tr>
<td>Viscosity</td>
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<tr>
<td>Decomposition temperature (°C)</td>
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<tr>
<td>Odour Threshold, Lower</td>
<td>Not available.</td>
</tr>
<tr>
<td>Odour Threshold, Upper</td>
<td>Not available.</td>
</tr>
</tbody>
</table>
Not available.

Auto Ignition Temperature (°C)
Not available.

Flammability Limit – Lower (%)
Not available.

Flammability Limit – Upper (%)
Not available.

Partition Coefficient (N-Octanol/Water)
Not applicable.

Solid/Liquid Ignition on Contact With Air.
No.

Oxidising properties
Not determined.

10. STABILITY AND REACTIVITY

Reactivity
No specific reactivity hazards associated with this product.

Stability
Stable under normal temperature conditions and recommended use.

Hazardous Polymerization
Will not polymerize.

Conditions To Avoid
Avoid exposure to high temperatures or direct sunlight.

Materials To Avoid
No incompatible groups noted.

Hazardous Decomposition Products
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Toxicological information
No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity
There are no data on the ecotoxicity of this product.

Partition coefficient
Not applicable.

13. DISPOSAL CONSIDERATIONS

Waste Management
This product is not considered to be hazardous waste under the definitions of the EPA and the Resource Conservation and Recovery Act (RCRA). However, any local or state regulation governing the processing and disposal of wastes should be followed.

Disposal Methods
No specific methods given.

14. TRANSPORT INFORMATION

General
Not regulated.

Road Transport Notes
Not regulated.

Rail Transport Notes
Not regulated.

Sea Transport Notes
Not regulated.

Air Transport Notes
Not regulated.

15. REGULATORY INFORMATION

SECTION 313: This product does not contain toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and

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US Federal Regulations

US State Regulations

State Regulations Comments
California Proposition 65 – Not listed

International Inventories

EU - EINECS/ELINCS
None of the ingredients are listed.

Canada – DSL/NDSL
All ingredients are listed or exempt.

US - TSCA
All ingredients are listed or exempt.

US - TSCA 12(b) Export Notification
None of the ingredients are listed.

Australia - AICS
All ingredients are listed or exempt.

Japan – MITI
All ingredients are listed or exempt.

Korea - KECI
All ingredients are listed or exempt.

China - IECSC
All ingredients are listed or exempt.

Phillippines – PICCS
All ingredients are listed or exempt.

16. OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>0</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>1</td>
</tr>
<tr>
<td>PHYSICAL</td>
<td>0</td>
</tr>
<tr>
<td>PERSONAL PROTECTION</td>
<td>Ask</td>
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</table>

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

Revision Date 7 December 2016

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company’s knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user’s responsibility to satisfy himself as to the suitability of such information for his own