1. Product and Company Identification

Product Code: C300
Product Name: Fusion 3.0
Company Name: CYCLO INDUSTRIES, INC.
Address: 902 SOUTH US HIGHWAY 1
JUPITER, FL  33477
Website: www.cyclo.com
Email: ehs@cyclo.com
Emergency Contact: First Aid Emergency
CHEMTREC (703) 527-3887
First Aid Emergency (Outside U.S.)
(800)843-7813
(800)424-9300
(312)906-6194

Phone Number: (800)843-7813

Intended Use: Lubricant

2. Hazards Identification

Flammable Aerosols, Category 3
Acute Toxicity: Inhalation, Category 4
Carcinogenicity, Category 1B
Aspiration Toxicity, Category 1
Serious Eye Damage/Eye Irritation, Category 2B

GHS Signal Word: Danger

GHS Hazard Phrases:
H229: Pressurized container: may burst if heated.
H304: May be fatal if swallowed and enters airways.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H350: May cause cancer.

GHS Precaution Phrases:
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P251: Pressurized container: Do not pierce or burn, even after use.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P264: Wash hands thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P363: Wash contaminated clothing before reuse.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

GHS Storage and Disposal Phrases:
P405: Store locked up.
P410+412: Protect from sunlight and do not expose to temperatures exceeding 50
**Potential Health Effects**

(Acute and Chronic):

**3. Composition/Information on Ingredients**

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-52-5</td>
<td>Mineral oil, petroleum distillates, hydrotreated heavy naphthenic</td>
<td>58.0 %</td>
</tr>
<tr>
<td>74-98-6</td>
<td>Propane</td>
<td>10.0 %</td>
</tr>
<tr>
<td>106-97-8</td>
<td>Butane</td>
<td>9.0 %</td>
</tr>
<tr>
<td>64742-06-9</td>
<td>Mineral oil, petroleum</td>
<td>6.0 %</td>
</tr>
<tr>
<td>108-94-1</td>
<td>Cyclohexanone</td>
<td>3.0 %</td>
</tr>
</tbody>
</table>

**4. First Aid Measures**

Emergency and First Aid Procedures:
If swallowed, do not induce vomiting. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of skin contact, wash with soap and large amounts of water. Remove contaminated clothing. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call physician immediately if adverse reaction occurs.

**5. Fire Fighting Measures**

Flammability Classification: NFPA Level 3 Aerosol
Flash Pt: -156.00 °F (-104.4 °C) Method Used: Estimate
Explosive Limits: LEL: 1.1 UEL: 12.75
Autoignition Pt: No data.
Suitable Extinguishing Media: Alcohol foam, carbon dioxide, dry chemical, foam, water fog.

**4. First Aid Measures**

Fire Fighting Instructions: Water spray may be ineffective. Water may be used to cool containers to prevent pressure build up and explosion when exposed to extreme heat. If water is used, fog nozzles preferred. Wear goggles & self contained breathing apparatus.

Flammable Properties and Hazards:
Closed containers may explode from internal pressure build-up when exposed to extreme heat & discharge contents. Vapors accumulation can flash or explode if ignited.

Hazardous Combustion Products:
Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention.

**6. Accidental Release Measures**

Steps To Be Taken In Case Material Is Released Or Spilled: Avoid breathing vapors. Remove all sources of ignition. Clean up area with absorbent material & place in closed containers for disposal.

**7. Handling and Storage**

Precautions To Be Taken in Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces - No smoking. Pressurized container: Do not pierce or burn, even after use. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Keep out of the reach of children.

Precautions To Be Taken in Storing: Store locked up. Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.
### 8. Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Partial Chemical Name</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-52-5</td>
<td>Mineral oil, petroleum distillates, hydrotreated heavy naphthenic</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
<tr>
<td>74-98-6</td>
<td>Propane</td>
<td>PEL: 1000 ppm</td>
<td>TLV: (2500 ppm)</td>
<td>No data.</td>
</tr>
<tr>
<td>106-97-8</td>
<td>Butane</td>
<td>No data.</td>
<td>TLV: (800 ppm)</td>
<td>No data.</td>
</tr>
<tr>
<td>64742-06-9</td>
<td>Mineral oil, petroleum</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
<tr>
<td>108-94-1</td>
<td>Cyclohexanone</td>
<td>PEL: 50 ppm</td>
<td>TLV: 20 ppm</td>
<td>STEL: 50 ppm</td>
</tr>
</tbody>
</table>

#### Respiratory Equipment (Specify Type):
Avoid breathing vapors. Use with adequate ventilation equal to out of doors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles & vapor. In confined areas, use approved air line type respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

#### Eye Protection:
Use of safety glasses with splash guards or full face shield is recommended.

#### Protective Gloves:
Solvent resistant gloves required for prolonged or repeated contact.

#### Other Protective Clothing:
Use of solvent resistant aprons or other clothing is recommended.

#### Engineering Controls (Ventilation etc.):
Sufficient to prevent inhalation of solvent vapors. General dilution and/or local exhaust ventilation in volume or pattern to keep PEL/TLV of most hazardous ingredient below acceptable limit & LEL below stated limit.

#### Work/Hygienic/Maintenance Practices:
Eye washes & safety showers in the workplace are recommended.

### 9. Physical and Chemical Properties

#### Physical States:
[ ] Gas  [ X ] Liquid  [ ] Solid

#### Appearance and Odor:
Aerosol product with solvent odor.

#### pH:
No data.

#### Melting Point:
No data.

#### Boiling Point:
-44.00 F (-42.2 C) - 500.00 F (260.0 C)

#### Flash Pt:
-156.00 F (-104.4 C)  Method Used: Estimate

#### Evaporation Rate:
No data.

#### Flammability (solid, gas):
No data available.

#### Explosive Limits:
LEL:  1.1  UEL:  12.75

#### Vapor Pressure (vs. Air or mm Hg):
No data.

#### Vapor Density (vs. Air = 1):
No data.

#### Specific Gravity (Water = 1):
.80

#### Solubility in Water:
NIL
10. Stability and Reactivity

Stability: Unstable [ ] Stable [ X ]

Conditions To Avoid - Instability:
Application to hot surfaces. Storage above 120 F. Exposure to open flame.

Incompatibility - Materials To Avoid:
Strong oxidizing agents.

Hazardous Decomposition or Byproducts:
Fumes may contain carbon monoxide & other toxic fumes.

Possibility of Hazardous Reactions:
Will occur [ ] Will not occur [ X ]

Conditions To Avoid - Hazardous Reactions:
No data available.

11. Toxicological Information

Toxicological Information: LD50: >5000 mg/kg

LC50: >4600 ppm
CAS# 64742-52-5:
Mutagenicity: Mutation test: Mutation in microorganisms., 10.00 UL/PLAT, Bacteria - Salmonella typhimurium.,
Results: Behavioral: Coma.
Biochemical: Metabolism (intermediary): Other.
- Cell Biology and Toxicology., Princeton Scientific Pub., Inc., 301 N. Harrison St., CN 5279, Princeton, NJ 08540, Vol/p/yr: 2,63, 1986

Acute toxicity, LD (Lethal dose), Oral, Rat, > 5.000 GM/KG.
Results: Tumorigenic: Neoplastic by RTECS criteria.
Lungs, Thorax, or Respiration: Tumors.
Tumorigenic: Tumors at site of application.

Acute toxicity, LD (Lethal dose), Skin, Species: Rabbit, > 5.000 GM/KG.
Results: Behavioral: Coma.
Biochemical: Metabolism (intermediary): Other.

Tumorigenic Effects:, TDLo, Skin, Mouse, 480.0 GM/KG, 80 W.
Results: Tumorigenic: Neoplastic by RTECS criteria.
Skin and Appendages: Other: Tumors.
Tumorigenic: Tumors at site of application.

Tumorigenic Effects:, TDLo, Skin, Mouse, 402.0 GM/KG, 78 W.
Results:
Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.
Skin and Appendages: Other: Tumors.
Tumorigenic: Tumors at site of application.

Tumorigenic Effects:, TDLo, Skin, Mouse, 398.0 GM/KG, 22 W.
Results:
Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.
Skin and Appendages: Other: Tumors.
Tumorigenic: Tumors at site of application.

Standard Draize Test, Skin, Species: Rabbit, 500.0 MG, Severe.
Results:
Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.
Skin and Appendages: Other: Tumors.
Tumorigenic: Tumors at site of application.

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-52-5</td>
<td>Mineral oil, petroleum distillates, hydrotreated heavy naphthenic</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>74-98-6</td>
<td>Propane</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>106-97-8</td>
<td>Butane</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>64742-06-9</td>
<td>Mineral oil, petroleum</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>108-94-1</td>
<td>Cyclohexanone</td>
<td>n.a.</td>
<td>3</td>
<td>A3</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

12. Ecological Information
No data available.

13. Disposal Considerations
Waste Disposal Method: Dispose of contents/container in accordance with local/regional/national/international regulation.

14. Transport Information
LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Aerosols, 2.1, Ltd. Qty.
DOT Hazard Class: 2.1 FLAMMABLE GAS
UN/NA Number: UN1950

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Aerosols, 2.1, Ltd. Qty.
UN Number: 1950
Hazard Class: 2.1 - FLAMMABLE GAS
ADR Classification: 2.1

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Aerosols, 2.1, Ltd. Qty.
UN Number: 1950
Hazard Class: 2.1 - FLAMMABLE GAS
IMDG Classification: 2.1
IMDG MFAG Number: No
IMDG EMS Page:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Aerosols, flammable, 2.1, Ltd Qty.
(Packing Instruction Y203 Applies)
UN Number: 1950
Hazard Class: 2.1 - FLAMMABLE GAS
IATA Classification: 2.1

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>S. 302 (EHS)</th>
<th>S. 304 RQ</th>
<th>S. 313 (TRI)</th>
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</thead>
<tbody>
<tr>
<td>64742-52-5</td>
<td>Mineral oil, petroleum distillates, hydrotreated heavy naphthenic</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
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<td>Propane</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>106-97-8</td>
<td>Butane</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>64742-06-9</td>
<td>Mineral oil, petroleum</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>108-94-1</td>
<td>Cyclohexanone</td>
<td>No</td>
<td>Yes 5000 LB</td>
<td>No</td>
</tr>
</tbody>
</table>

CAS #  Hazardous Components (Chemical Name) Other US EPA or State Lists

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Other US EPA or State Lists</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-52-5</td>
<td>Mineral oil, petroleum distillates, hydrotreated heavy naphthenic</td>
<td>CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No</td>
</tr>
<tr>
<td>74-98-6</td>
<td>Propane</td>
<td>CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1594; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No</td>
</tr>
<tr>
<td>106-97-8</td>
<td>Butane</td>
<td>CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 0273; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No</td>
</tr>
<tr>
<td>64742-06-9</td>
<td>Mineral oil, petroleum</td>
<td>CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No</td>
</tr>
<tr>
<td>108-94-1</td>
<td>Cyclohexanone</td>
<td>CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA</td>
</tr>
</tbody>
</table>
16. Other Information

Revision Date: 09/22/2017

Hazard Rating System:

<table>
<thead>
<tr>
<th>Flammability</th>
<th>Instability</th>
<th>Health</th>
<th>Special Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Additional Information About This Product: No data available.

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