Material Safety Data Sheet
May be used to comply with OSHA's Hazard
must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
Form Approved
OMB No. 1218-0072

IDENTITY
Green Plus Combustion Catalyst

Section I
Manufacturer's name: Biofriendly Corporation
Address (Number, Street, City, State and ZIP Code)
622 Terrado Dr
Monrovia, CA 91016

Emergency Telephone Number: (626) 303-6000
Telephone Number for Information: (626) 303-6000
Date Prepared: 5/27/04
Signature of Preparer (optional): [Signature]

Section II—Hazardous Ingredients/Identity Information
Hazardous Components (Specific Chemical Identity, Common Name(s))
Isopropyl Alcohol

<table>
<thead>
<tr>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
<th>% (by weight)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>N/A</td>
<td>5%</td>
</tr>
</tbody>
</table>

Section III—Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>82°C</td>
</tr>
<tr>
<td>Specific Gravity (H2O = 1)</td>
<td>0.78</td>
</tr>
<tr>
<td>Melting Point</td>
<td>-80°C</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>ca3</td>
</tr>
</tbody>
</table>

100%
Appearance and Odor
Clear, Yellow or Green liquid with a slight alcohol odor

Section IV—Fire and Explosion Hazard Data

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Flammable Limits</th>
<th>LEL</th>
<th>UEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable Limit</td>
<td>In Air</td>
<td>2.0%</td>
<td>12%</td>
</tr>
</tbody>
</table>

Extinguishing Media
Carbon Dioxide, dry chemical, alcohol foam, water mist or fog

Special Fire Fighting Procedures
Wear full protective clothing and self contained breathing apparatus. Heat will build pressure and rupture closed storage containers. Keep fire exposed containers cool with water spray.

Unusual Fire and Explosion Hazards
Volatile and Flammable
(Reproduce locally)
### Section V—Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### Incompatibility (Materials to Avoid)
- N/A

#### Hazardous Decomposition or Byproducts
- N/A

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will Not Occur</td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Section VI—Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Inhalation?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

#### Isopropanol which is 95% of the product, is not listed as a carcinogen by the IARC, OSHA or ACGIH

#### Carcinogenicity
- None
- NTP: No
- IARC Monographs: No
- OSHA Regulations: Yes

#### Signs and Symptoms of Exposure

#### Inhalation:
Can cause shortness of breath, coughing, dizziness and intoxication.

#### Eye Contact:
Liquid and high vapor concentration can cause burning, watering, swelling and redness.

#### Skin Contact:
Extensive and repeated and/or prolonged skin contact can cause moderate burning, itching, redness and dermatitis.

#### Ingestion:
Causes burning of the intestinal tract and toxic effects. Swallowing more than 250 ml (8.5 oz) of isopropanol can cause death.

#### Effects of Overexposure

**Isopropyl Alcohol** is a mild eye and mucous membrane irritant and central nervous system depressant. Acute exposure can cause gastrointestinal tract upset and narcosis.

### Medical Conclusions Generally Aggravated by Exposure

Preclude from exposure those individuals susceptible to dermatitis.

### Emergency and First Aid Procedures

**Isopropyl Alcohol** is a mild eye and mucous membrane irritant and central nervous system depressant. Acute exposure can cause gastrointestinal tract upset and narcosis.

### Section VII—Precautions for Safe Handling and Use

#### Steps to Be Taken in Case Material is Released or Spilled

**Dilute with Water**

**Waste Disposal Method**

Can be disposed of in a regular drain diluted with at least 10 times water.
We recommend wearing gloves or latex gloves. Wear a mask if you are allergic to vapors.

**Precautions to Be Taken in Handling and Storing**

Product is flammable, keep away from naked flame.

**Section VII—Control Measures**

**Respiratory Protection (Specify Type)**

Use approved respirator equipment. Follow NIOSH and equipment manufacturers recommendations to determine appropriate equipment (Air purifying, Air supplied or self-containing breathing apparatus).

<table>
<thead>
<tr>
<th>Ventilation</th>
<th>Local Exhaust</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td>The choice of ventilating equipment either local or general will depend upon the condition of use, quantity of material and other operating parameters.</td>
<td>No special equipment required</td>
</tr>
<tr>
<td>Mechanical (General)</td>
<td>No Mechanical equipment is required for use.</td>
<td></td>
</tr>
</tbody>
</table>

**Protective Gloves**

Protective gloves and clothing are recommended. The choice of materials must be based on chemical resistance and other user requirements. Generally, neoprene, nitrile rubber, or natural rubber offer acceptable chemical resistance.

<table>
<thead>
<tr>
<th>Protective Clothing or Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>See &quot;Other&quot; in column above</td>
</tr>
</tbody>
</table>

**Eye Protection**

See "Other" in column above

**Work/Hygienic Practices**

Wash hands with soap and water after use.
From: Morris Brown
To: Schambacher, David
Date: 1/12/2006 10:45:00 AM
Subject: Revised notes for TV interview

David,

Based on a conversation with Colin Hill and Bob Carroll at Biofriendly yesterday evening, I have learned that isopropyl alcohol is actually a component of the Green Plus additive and is not just used as a carrier fluid. Therefore, I made a revision to the response to the question relating to alcohol in the notes that I provided you to you on Tuesday.

Thanks,

Morris

CC: Aplin, Monica; Haase, Lynne; Hibbs, Minor; Sheedy, Keith