

# Material Safety Data Sheet

May be used to comply with

OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. This Standard must be  
consulted for specific requirements.

## U.S. Department of Labor

Occupational Safety and Health  
Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

|                                                                                                                                                                                                                                                                                                         |                                                                                                                                                          |
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| <b>IDENTITY</b> ( <i>As Used on Label and List</i> )<br><b>St. Gabriel Organics BurnOut II Concentrate</b><br>Active ingredient: Citric Acid 24%, Clove Oil 8%<br>Inert ingredients: Water, Lauric Acid, Sodium Caprylate,<br>Gum Arabic, Xanthan Gum, Sodium Acetate.<br>Total other 68%    Total 100% | Note: Blank spaces are not permitted. If any<br>item is not applicable, or no information is<br>available, the space must be marked to indicate<br>this. |
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### Section I

|                                                     |                                                               |
|-----------------------------------------------------|---------------------------------------------------------------|
| Manufacturer's Name:<br><b>St. Gabriel Organics</b> | Emergency Telephone Number<br><b>(800) 801-0061 Toll Free</b> |
| Address:<br><b>14044 Litchfield Drive</b>           | Telephone Number for Information<br><b>(540) 672-0866</b>     |
| <b>Orange, Virginia</b><br><b>22960</b>             | Date Revised: Nov 11, 2010<br>Revised by: Benjamin Welborn    |

### Section II - Physical/Chemical Characteristics

|                                                                                                                                    |                       |                                                |       |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------------|-------|
| <b>Boiling Point</b>                                                                                                               | <b>Data not found</b> | <b>Specific Gravity (H<sub>2</sub>O = 1)</b>   | 1.12  |
| <b>Vapor Pressure (mm Hg.)</b>                                                                                                     | <b>Data not found</b> | <b>Melting Point</b>                           | 40° F |
| <b>Vapor Density (AIR = 1)</b>                                                                                                     | <b>Data not found</b> | <b>Evaporation Rate</b><br>(Butyl Acetate = 1) | <1.0  |
|                                                                                                                                    |                       | <b>Ph</b>                                      | ~ 1.5 |
| <b>Solubility in Water:</b> Not soluble – forms an emulsion                                                                        |                       |                                                |       |
| <b>Appearance and Odor</b><br><b>Appearance:</b> Milky White - Caramel <b>Odor:</b> Clove smell <b>Viscosity:</b> similar to honey |                       |                                                |       |

### Section III - Fire and Explosion Hazard Data

|                                                                                       |                                       |                   |                   |
|---------------------------------------------------------------------------------------|---------------------------------------|-------------------|-------------------|
| <b>Flash Point (Method Used)</b><br>Not known                                         | <b>Flammable Limits</b><br>Not tested | <b>LEL</b><br>N/A | <b>UEL</b><br>N/A |
| <b>Extinguishing Media</b> Foam, Carbon Dioxide, or Dry Chemical extinguishers        |                                       |                   |                   |
| <b>Special Fire Fighting Procedures</b> Self contained breathing apparatus.           |                                       |                   |                   |
| <b>Unusual Fire and Explosion Hazards</b> NONE                                        |                                       |                   |                   |
| <b>Hazardous Decomposition Products:</b> Acid Vapors, Carbon Dioxide, Carbon Monoxide |                                       |                   |                   |

### Section IV - Reactivity Data

|                                                                          |  |                                                                                                    |
|--------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------|
| <b>Stability:</b> Reacts with organic and inorganic bases.               |  | <b>Conditions to Avoid:</b> Contact with skin, eyes, or prolong inhalation. Do not ingest product. |
| <b>Incompatibility:</b> Bases and caustic compounds (alkaline compounds) |  |                                                                                                    |

**Section V - Health Hazard Data**

|                                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |                             |                            |
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| <b>Route(s) of Entry:</b>                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Inhalation?</b><br>Yes | <b>Skin?</b><br>YES         | <b>Ingestion?</b><br>YES   |
| <b>Health Hazards:</b><br>Contact with this product will result in eye irritation. Contact with this product will cause severe skin irritation. Breathing vapors will cause significant respiratory irritation. Ingestion of this product could cause burns and destroy tissue in the mouth, throat, and digestive tract.                                                                                                         |                           |                             |                            |
| <b>Carcinogenicity:</b>                                                                                                                                                                                                                                                                                                                                                                                                           | NTP? N/A                  | <b>IARC Monographs?</b> N/A | <b>OSHA Regulated?</b> N/A |
| <b>Emergency and First Aid Procedures:</b> <b>Inhalation:</b> Remove person to fresh air. Seek immediate medical assistance. <b>Ingestion:</b> Seek immediate medical attention. Do not induce vomiting. Vomiting will cause further damage to the mouth and throat. If individual is conscious and alert, immediately rinsing mouth with water and give milk or water to drink. If possible, do not leave individual unattended. |                           |                             |                            |
| <b>Skin:</b> Immediately flush skin with plenty of water and soap for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse and discard contaminated shoes.                                                                                                                                                                                                                              |                           |                             |                            |
| <b>Eyes:</b> Immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If symptoms develop as a result of vapor exposure, immediately move individual away from exposure and into fresh air before flushing as recommended above. Call a physician immediately.                                      |                           |                             |                            |

**Section VI - Precautions for Safe Handling and Use**

|                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
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| <b>Steps to Be Taken in Case Material is Released or Spilled:</b> Cover the contaminated surface with sodium bicarbonate or a soda ash/flaked lime mixture (50-50). Mix and add water if necessary to form a slurry. Scoop up slurry and wash site with soda ash solution. Proper mixing procedures are essential. Trained personnel should conduct this procedure. Untrained personnel should be removed from the spilled area. |  |
| <b>Waste Disposal Method:</b><br><b>If Empty</b> - Do not reuse container. Place in trash or offer for recycling if available.<br><b>If Partly Filled</b> – Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.                                                                                                                                           |  |
| <b>Precautions to be taken in Handling and Storing</b><br>Avoid contact with eyes, skin or clothing. Keep bottle/container tightly closed and store in a cool, dry place.                                                                                                                                                                                                                                                        |  |
| <b>Other Precautions</b> NA                                                                                                                                                                                                                                                                                                                                                                                                      |  |

**Section VII - Control Measures**

|                                                   |                             |                       |
|---------------------------------------------------|-----------------------------|-----------------------|
| <b>Ventilation:</b> Product for outdoor use only. | <b>Local Exhaust</b><br>N/A | <b>Special</b><br>N/A |
|---------------------------------------------------|-----------------------------|-----------------------|

|                                                                                                      |                                                                                                  |
|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Protective Gloves:</b><br>Wear Neoprene, Nitrile, or oil/solvent resistant gloves.                | <b>Eye Protection</b><br>Wear chemical goggles when handling the product and during application. |
| <b>Other Protective Clothing or Equipment:</b> Wear long sleeved shirt, long pants, socks and shoes. |                                                                                                  |

**Section VIII - Special Precautions**

**Precautions to be taken in Handling and Storing:** Keep container tightly closed when not in use. Store only in the original container in a cool, dry place.

The above information is believed to be correct, but does not purport to be all inclusive. This data should be used only as a guide in handling this material. BurnOut II concentrate/St. Gabriel Organics shall not be held liable for any damage resulting from handling or from direct contact with this product.