Flavor Ingredient Data Sheet

Date: 3/3/2016
Contact Person: Gwen Buffinga
Phone: 800-525-2431
Fax: 269-344-1037

Company Name: National Flavor Company
Address: 1206 East Crosstown Parkway
Kalamazoo, MI 49001-2563

Check Appropriate Box:
- Approved for Drawback (DrB)
- Approved as No Action (N/A)
- Fit for Beverage Purposes (Fit)
- Submitted for TTB Approval
- Not Yet Submitted for TTB Approval

Beverage Alcohol Manufacturer / Importer

Beverage Label Information
- Check or list label ingredients that affect the beverage label

Beverage Manufacturer / Importer:

Confidential Limited Ingredients Not Shown (CLI)
- Check if contained in formula
- Check if CLI was previously submitted

Formula # / Serial #:

Title: REGULATORY

Gwen Buffinga
Flavor Company Representative Signature

Date: 3/3/2016

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Flavor Name: Butterscotch Type Flavor, Natural Artificial #11689
TTB Drawback Number: 179
Alcohol Range by Volume: 1.436 +/- 1.0%
Flavor Product Number: #11689

Classification
- Natural
- N&A ≤ 0.1% Topnote
- N&A > 0.1% Topnote
- Artificial
- Non-Flavor

Total Artificial Flavor Content: 50 ppm (Excluding Synthetic Vanillin, Ethyl Vanillin, Synthetic Maltol, and Ethyl Maltol)

Flavor Components

<table>
<thead>
<tr>
<th>Additive</th>
<th>TTB Limitation in Finished Product</th>
<th>Amount of Additive or Agent Present in Flavor</th>
<th>Maximum Use Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Synthetic Vanillin</td>
<td>40.0 ppm</td>
<td>2.200 ppm</td>
<td>1.82 %</td>
</tr>
<tr>
<td>2. Ethyl Vanillin</td>
<td>16.0 ppm</td>
<td>ppm</td>
<td>%</td>
</tr>
<tr>
<td>3. Synthetic Maltol</td>
<td>250.0 ppm</td>
<td>ppm</td>
<td>%</td>
</tr>
<tr>
<td>4. Ethyl Maltol</td>
<td>100.0 ppm</td>
<td>ppm</td>
<td>%</td>
</tr>
<tr>
<td>5. Ester Gum</td>
<td>100.0 ppm</td>
<td>ppm</td>
<td>%</td>
</tr>
<tr>
<td>6. BVO</td>
<td>15.0 ppm</td>
<td>ppm</td>
<td>%</td>
</tr>
<tr>
<td>7. Sodium Benzoate</td>
<td>1000.0 ppm</td>
<td>ppm</td>
<td>%</td>
</tr>
<tr>
<td>8. Gum Arabic/Acacia</td>
<td>200000.0 ppm</td>
<td>ppm</td>
<td>%</td>
</tr>
<tr>
<td>9. Propylene Glycol</td>
<td>500000.0 ppm</td>
<td>408,222 ppm</td>
<td>12.25 %</td>
</tr>
<tr>
<td>10. BHA (&lt;0.5% Essential Oil)</td>
<td>ppm</td>
<td>check if contained</td>
<td></td>
</tr>
<tr>
<td>11. Acetic Acid</td>
<td>1500.0 ppm</td>
<td>7,550 ppm</td>
<td>19.87 %</td>
</tr>
<tr>
<td>12. Glycyrrhizen</td>
<td>1000.0 ppm</td>
<td>99 ppm</td>
<td>NO LIMIT %</td>
</tr>
<tr>
<td>13. Caffeine</td>
<td>200.0 ppm</td>
<td>0 ppm</td>
<td>%</td>
</tr>
<tr>
<td>14. ppm</td>
<td>ppm</td>
<td>ppm</td>
<td>%</td>
</tr>
<tr>
<td>15. Total Vanillin</td>
<td>40.0 ppm</td>
<td>ppm</td>
<td>%</td>
</tr>
<tr>
<td>16. Total Maltol</td>
<td>250.0 ppm</td>
<td>ppm</td>
<td>%</td>
</tr>
</tbody>
</table>

Confidential Limited Ingredients Not Shown (CLI)

Check if contained in formula
Check if CLI was previously submitted

Beverage Manufacturer / Importer: ________________________________
Formula # / Serial #: ________________________________

Signature of Alcohol Beverage Representative: ________________________________

Gwen Buffinga
Title: REGULATORY
Date: 3/3/2016