1 Identification

· Product identifier
  · Trade name: BACON NAT. 55.107
  · Article number: 55.107

· Details of the supplier of the safety data sheet
  · Manufacturer/Supplier:
    OliveNation LLC
    50 Terminal St, Bldg 2, 7th Floor,
    Charlestown MA 02129,
    USA. m(781-989-2033)
  · Information department: Regulatory department
  · Emergency telephone number:
    During normal opening times: Call Chemtrec Day or Night
    Domestic North America 800.424.9300/International 703.527.3887 (Collect calls accepted)

2 Hazard(s) identification

· Classification of the substance or mixture
  The product is not classified according to the Globally Harmonized System (GHS).

· Label elements
  · GHS label elements Void
  · Hazard pictograms Void
  · Signal word Void
  · Hazard statements Void

· Classification system:
  · NFPA ratings (scale 0 - 4)
    !!!
    Health = 0
    Fire = 1
    Reactivity = 0

· HMIS-ratings (scale 0 - 4)
  ![HEALTH](health_icon) Health = 1
  ![FIRE](fire_icon) Fire = 1
  ![REACTIVITY](reactivity_icon) Reactivity = 0

· Other hazards
  · Results of PBT and vPvB assessment
  · PBT: Not applicable.
3 Composition/information on ingredients

· Chemical characterization: Mixtures

4 First-aid measures

· Description of first aid measures
  · General information: No special measures required.
  · After inhalation: Supply fresh air; consult doctor in case of complaints.
  · After skin contact: Generally the product does not irritate the skin.
  · After eye contact: Rinse opened eye for several minutes under running water.
  · After swallowing: If symptoms persist consult doctor.
  · Information for doctor:
    · Most important symptoms and effects, both acute and delayed No further relevant information available.
    · Indication of any immediate medical attention and special treatment needed
      No further relevant information available.

5 Fire-fighting measures

· Extinguishing media
  · Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures Not required.
  · Environmental precautions:
    Dilute with plenty of water.
    Do not allow to enter sewers/ surface or ground water.
  · Methods and material for containment and cleaning up:
    Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

(Contd. on page 3)
46. Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage
- Precautions for safe handling
  No special measures required.
- Information about protection against explosions and fires
  No special measures required.
- Conditions for safe storage, including any incompatibilities
  Storage:
  - Requirements to be met by storerooms and receptacles
    Store in tightly sealed containers in a cool, dry place that is well ventilated. Away from heat, spark, and open flame.
  - Information about storage in one common storage facility
    Not required.
  - Further information about storage conditions
    None.
  - Specific end use(s)
    No further relevant information available.

8 Exposure controls/personal protection
- Additional information about design of technical systems
  No further data; see item 7.
- Control parameters
- Components with limit values that require monitoring at the workplace
  57-55-6 PROPYLENE GLYCOL
  WEEL Long-term value: 10 mg/m³
- Additional information
  The lists that were valid during the creation were used as basis.
- Exposure controls
- Personal protective equipment
  - General protective and hygienic measures
    The usual precautionary measures for handling chemicals should be followed.
  - Breathing equipment
    If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.
  - Protection of hands
    The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:**

Goggles recommended during refilling.

### 9 Physical and chemical properties

**Appearance:**

- **Form:** Fluid
- **Color:** According to product specification
- **Odor:** Characteristic
- **Odor threshold:** Not determined.

**pH-value:** Not determined.

**Change in condition**

- **Melting point/Melting range:** Undetermined.
- **Boiling point/Boiling range:** Undetermined.

**Flash point:** >93 °C (>199.4 °F)

**Flammability (solid, gaseous):** Not applicable.

**Ignition temperature:**

- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.

**Explosion limits:**

- **Lower:** Not determined.
- **Upper:** Not determined.

**Vapor pressure:** Not determined.

**Density at 20 °C (68 °F):** 1.05952 g/cm³ (8.84169 lbs/gal)
Trade name: BACON NAT. 55.107

- Relative density: Not determined.
- Vapor density: Not determined.
- Evaporation rate: Not determined.

- Solubility in / Miscibility with Water: Fully miscible.

- Solvent content:
  - Organic solvents: 42.2%
  - Water: 45.9%
  - VOC content: 42.22%
  - 447.3 g/l / 3.73 lb/gl

- Solids content: 8.1%

- Other information: No further relevant information available.

10 Stability and reactivity

- Reactivity: No further relevant information available.
- Chemical stability
  - Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
  - Possibility of hazardous reactions: No dangerous reactions known.
  - Conditions to avoid: No further relevant information available.
  - Incompatible materials: No further relevant information available.
  - Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Information on toxicological effects
  - Acute toxicity:
    - Primary irritant effect:
      - on the skin: No irritant effect.
      - on the eye: No irritating effect.
      - Sensitization: No sensitizing effects known.
Trade name: BACON NAT. 55.107

- Additional toxicological information:
The product is not subject to classification according to internally approved calculation methods for preparations:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- Carcinogenic categories
  - IARC (International Agency for Research on Cancer)
    None of the ingredients is listed.
  - NTP (National Toxicology Program)
    None of the ingredients is listed.
  - OSHA-Ca (Occupational Safety & Health Administration)
    None of the ingredients is listed.

12 Ecological information

- Toxicity
  - Aquatic toxicity: No further relevant information available.
- Persistence and degradability: No further relevant information available.
- Behavior in environmental systems:
  - Bioaccumulative potential: No further relevant information available.
  - Mobility in soil: No further relevant information available.
- Additional ecological information:
  - General notes:
    Water hazard class 1 (Self-assessment): slightly hazardous for water
    Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.
  - Other adverse effects: No further relevant information available.

13 Disposal considerations

- Waste treatment methods
  - Recommendation: Smaller quantities can be disposed of with household waste.
- Uncleaned packagings:
  - Recommendation: Disposal must be made according to official regulations.
Trade name: BACON NAT. 55.107

- Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

- UN-Number
  OliveNation LLC
  50 Terminal St, Bldg 2, 7th Floor,
  Charlestown MA 02129,
  USA. m(781-989-2033)

- DOT, ADN, IMDG, IATA
  Class: not regulated

- Packing group
  DOT, IMDG, IATA: not regulated

- Environmental hazards: Not applicable.

- Special precautions for user: Not applicable.

- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

- Transport/Additional information:
  - DOT
    Quantity limitations: On passenger aircraft/rail: -
    On cargo aircraft only: -

- UN "Model Regulation": not regulated

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Sara
    Section 355 (extremely hazardous substances):
    None of the ingredients is listed.

    Section 313 (Specific toxic chemical listings):
    None of the ingredients is listed.

    TSCA (Toxic Substances Control Act) (Substances not listed):
    All ingredients are listed.

(Contd. on page 8)
### Trade name: BACON NAT. 55.107

**· TSCA new (21st Century Act) (Substances not listed)**
**· Proposition 65**

**· Chemicals known to cause cancer:**

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMOKE FLAVOR</td>
<td>8028-89-5</td>
</tr>
<tr>
<td>CARAMEL COLOR</td>
<td></td>
</tr>
</tbody>
</table>

**· Chemicals known to cause reproductive toxicity for females:**

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMOKE FLAVOR</td>
<td></td>
</tr>
</tbody>
</table>

**· Chemicals known to cause reproductive toxicity for males:**

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMOKE FLAVOR</td>
<td></td>
</tr>
</tbody>
</table>

**· Chemicals known to cause developmental toxicity:**

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMOKE FLAVOR</td>
<td></td>
</tr>
</tbody>
</table>

**· Carcinogenic categories**

**· EPA (Environmental Protection Agency)**

None of the ingredients is listed.

**· TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

**· NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**· GHS label elements** Void
**· Hazard pictograms** Void
**· Signal word** Void
**· Hazard statements** Void

**· Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**· Department issuing SDS:** Regulatory department
**· Contact:** Stacie Obman
**· Date of preparation / last revision** 10/10/2018 / 3

**· Abbreviations and acronyms:**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR</td>
<td>Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)</td>
</tr>
<tr>
<td>IMDG</td>
<td>International Maritime Code for Dangerous Goods</td>
</tr>
<tr>
<td>DOT</td>
<td>US Department of Transportation</td>
</tr>
<tr>
<td>IATA</td>
<td>International Air Transport Association</td>
</tr>
<tr>
<td>ACGIH</td>
<td>American Conference of Governmental Industrial Hygienists</td>
</tr>
</tbody>
</table>

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Trade name: BACON NAT. 55.107

EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent Bioaccumulative and Toxic

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* Data compared to the previous version altered.