1. Identification of the Substance/Preparation and of the Company/Undertaking

- **Product Identifier**
  - **Product name**: CHAMPION SPRAYON NATURAL CITRUS MULTI-PURPOSE FOAM CLEANER
  - **Chemical name**: 7-8042-2

- **Other means of identification**
  - **Product code**: FG 438-5154-10
  - **Synonyms**: General purpose cleaner

- **Recommended use of the chemical and restrictions on use**
  - **Recommended Use**: Various types of surfaces.
  - **Uses advised against**: See directions for use on product's label.

2. Hazards Identification

- **Classification**
  - Skin corrosion/irritation: Category 1
  - Serious eye damage/eye irritation: Category 1
  - Skin sensitization: Category 1
  - Gases Under Pressure: liquefied gas

- **Label Elements**

**EMERGENCY OVERVIEW**

**DANGER**

- **hazard statements**
  - Causes severe skin burns and eye damage
  - May cause an allergic skin reaction
  - Contains gas under pressure; may explode if heated

- **Appearance**: White liquid that will be aerosolized
- **Physical State**: Aerosol
- **Odor**: Citrus odor
Precautionary Statements - Prevention
Do not breathe fumes, mist, vapors or spray.
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves, protective clothing, eye protection and face protection.
Contaminated work clothing should not be allowed out of the workplace

Precautionary Statements - Response
Immediately call a POISON CENTER or doctor.
Specific treatment: See additional cautionary statements on this label.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
If skin irritation or rash occurs: Get medical advice/attention
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a POISON CENTER or doctor.
IF SWALLOWED: rinse mouth. Do NOT induce vomiting

Precautionary Statements - Storage
Store locked up
Protect from sunlight. Store in a well-ventilated place

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Other Information
• Toxic to aquatic life with long lasting effects
• Toxic to aquatic life

3. Composition/information on Ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No</th>
<th>weight-%</th>
<th>Trade secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>80-85</td>
<td>*</td>
</tr>
<tr>
<td>N-Butane</td>
<td>106-97-8</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>D-Limonene</td>
<td>5989-27-5</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Sodium metasilicate</td>
<td>6834-92-0</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Sodium 2-ethylhexyl sulfate</td>
<td>126-92-1</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Dimethyl Glutarate</td>
<td>1119-40-0</td>
<td>&lt;1</td>
<td>*</td>
</tr>
</tbody>
</table>

Chemical Additions
Hazardous components according to OSHA, are listed when present at 1% or greater. Carcinoges are listed when present at 0.1% or greater.

• The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First aid measures

FIRST AID MEASURES

Eye Contact
Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin contact

Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.

inhaletion

If overcome by vapor, move person to fresh air. If person is not breathing, call 911 or an ambulance, then provide artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advise.

INGESTION

Ingestion from an aerosol product is unlikely to occur. In case of accidental ingestion, do not induce vomiting unless directed by a physician. Seek medical attention immediately.

Most important symptoms and effects, both acute and delayed

Symptoms

Acute: Prolonged inhalation of concentrated vapor or mist may cause headaches, dizziness and nausea. Prolonged and repeated contact with skin may cause irritation and reddening. Contact with eyes causes irritation. Exposure to d-limonene has been found to cause kidney damage in male rats. The mechanism by which this toxicity occurs is specific to the male rat and the kidney effects are not expected to occur in humans.

Indication of any immediate medical attention and special treatment needed

Note to physicians

None needed.

5. Fire-fighting measures

Suitable extinguishing media

Dry chemical, CO2 or water spray.

Unsuitable extinguishing media  Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

This product is under pressure. Water spray may be used to cool cans in the vicinity of fire or excessive heat to prevent the explosion of the cans.

Hazardous combustion products  Thermal decomposition may release carbon monoxide and carbon dioxide.

Explosion data

Sensitivity to Mechanical Impact  Contents under pressure, keep away from heat and open flame.

Sensitivity to Static Discharge  Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions  Use with adequate general or local exhaust ventilation.

For emergency responders  Remove all sources of ignition.

Environmental Precautions

Environmental Precautions  See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment  Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.
Methods for cleaning up
Clean contaminated surface thoroughly.

7. Handling and Storage

Precautions for safe handling
Advice on safe handling
Do not deliberately inhale vapor or spray mist. Avoid getting spray into eyes.

Conditions for safe storage, including any incompatibilities
Storage Conditions
Store in a cool, dry place away from heat and open flame. Keep out of reach of children.
AEROSOL STORAGE LEVEL I (NFPA-30B).

Incompatible Materials
Avoid heat, open flame and contact with strong oxidizers.

8. Exposure Controls/Personal Protection

Control parameters
Exposure guidelines
See occupational exposure limits listed below.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-Butane</td>
<td>STEL: 1000 ppm</td>
<td>(vacated) TWA: 800 ppm</td>
<td>TWA: 800 ppm</td>
</tr>
<tr>
<td>106-97-8</td>
<td></td>
<td>(vacated) TWA: 1900 mg/m³</td>
<td>TWA: 1900 mg/m³</td>
</tr>
<tr>
<td>Propane</td>
<td>TWA: 1000 ppm</td>
<td>TWA: 1000 ppm</td>
<td>IDLH: 2100 ppm</td>
</tr>
<tr>
<td>74-98-6</td>
<td></td>
<td>TWA: 1800 mg/m³</td>
<td>TWA: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) TWA: 1000 ppm</td>
<td>TWA: 1800 mg/m³</td>
</tr>
</tbody>
</table>

Appropriate engineering controls
Engineering controls
Use with adequate general or local exhaust ventilation.

Individual protection measures, such as personal protective equipment

Eye/face Protection
Conventional eyeglasses to guard against splashing.

Skin and Body Protection
Chemical resistant gloves required.

Respiratory protection
None required if used in a well-ventilated area.

General hygiene considerations
Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Aerosol</td>
<td>No information available</td>
</tr>
<tr>
<td>Appearance</td>
<td>White liquid that will be aerosolized</td>
<td>No information available</td>
</tr>
<tr>
<td>Color</td>
<td>white</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor</td>
<td>Citrus odor</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Citrus odor</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Citrus odor</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>11.75</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting point/freeze point</td>
<td>Not applicable</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>Water 212 °F/100 °C</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not Available. This is an aerosol product for which Flame Projection is 0 inches. Temperatures above 120°F may cause cans to burst. Product was tested for Enclosed Space Ignition Test and is not a flammable aerosol as defined on 29CFR 1910.122 Appendix</td>
<td>No information available</td>
</tr>
</tbody>
</table>
Evaporation Rate: Faster than butyl acetate
Flammability (solid, gas): No information available
Flammability Limits in Air:
  Upper flammability limits: Not available
  Lower Flammability Limit: Not available
Vapor pressure: No information available
Vapor Density: No information available
Specific gravity: 1.012 +/- 0.003 concentrate
Water solubility: Soluble in water
Solubility in other solvents: No information available
Partition coefficient: No information available
Autoignition Temperature: No information available
Decomposition temperature: No information available
Kinematic viscosity: No information available
Dynamic viscosity: No information available
Explosive properties: No information available
Oxidizing properties: No information available

Other Information:
Softening point: No information available
Molecular weight: No information available
VOC content (%): 7.99%
Density: 8.43 - 8.45 lb/gal
Bulk Density: No information available

10. Stability and Reactivity

Reactivity: Not applicable
Not applicable

Chemical stability: Stable.
Possibility of hazardous reactions:
  Temperatures above 120 F may cause cans to burst with force.
  Hazardous polymerization: Hazardous polymerization does not occur.

Conditions to Avoid:
  Temperatures above 120 F.
Incompatible Materials:
  Avoid heat, open flame and contact with strong oxidizers.
Hazardous decomposition products:
  Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

11. Toxicological Information

Information on likely routes of exposure:

Product Information: Primary routes of entry: Eye contact, skin contact, inhalation, ingestion (possible, but consider unlikely).

  inhalation: Deliberate inhalation of concentrated vapor or mist may cause headache, dizziness and nausea.

  Eye Contact: Severe irritation to eyes.

  Skin contact: May cause an allergic skin reaction. D-limonene may cause allergic skin reactions. Frequent or wide spread contact may result in skin absorption of potentially harmful amounts.
### INGESTION
This is an aerosol product, ingestion is unlikely to occur. MAY BE HARMFUL IF SWALLOWED.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>&gt; 90 mL/kg ( Rat )</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>N-Butane 106-97-8</td>
<td>-</td>
<td>-</td>
<td>658 g/m³ ( Rat ) 4 h</td>
</tr>
<tr>
<td>D-Limonene 5989-27-5</td>
<td>= 4400 mg/kg ( Rat )</td>
<td>&gt; 5 g/kg ( Rabbit )</td>
<td>-</td>
</tr>
<tr>
<td>Sodium metasilicate 6834-92-0</td>
<td>= 600 mg/kg ( Rat )</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium 2-ethylhexyl sulfate 126-92-1</td>
<td>= 4 g/kg ( Rat )</td>
<td>= 6540 µL/kg ( Rabbit )</td>
<td>-</td>
</tr>
<tr>
<td>Propane 74-98-6</td>
<td>-</td>
<td>-</td>
<td>= 658 mg/L ( Rat ) 4 h</td>
</tr>
<tr>
<td>Dimethyl Glutarate 1119-40-0</td>
<td>= 8191 mg/kg ( Rat )</td>
<td>-</td>
<td>&gt; 5.6 mg/L ( Rat ) 4 h</td>
</tr>
</tbody>
</table>

Information on toxicological effects

**Symptoms**
Deliberate inhalation of concentrated vapor or mist may cause headache, dizziness and nausea.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<table>
<thead>
<tr>
<th>Skin corrosion/irritation</th>
<th>D-limonene may cause allergic skin reactions. Frequent or wide spread contact may result on skin absorption of potentially harmful amounts.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Risk of serious damage to eyes. Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>corrosivity</td>
<td>May cause sensitization of susceptible persons.</td>
</tr>
<tr>
<td>sensitization</td>
<td>Exposure to d-limonene has been found to cause kidney damage in male rats. The mechanism by which this toxicity occurs is specific to the male rat and the kidney effects are not expected to occur in humans.</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>No information available.</td>
</tr>
<tr>
<td>carcinogenicity</td>
<td>D-limonene has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.</td>
</tr>
</tbody>
</table>

**Reproductive Toxicity**
D-limonene has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.

**STOT - single exposure**
No information available.

**STOT - repeated exposure**
No information available.

**Aspiration Hazard**
Deliberate inhalation of concentrated vapor or mist may cause headache, dizziness and nausea.

**Numerical measures of toxicity - Product Information**

**Unknown acute toxicity** - The following values are calculated based on chapter 3.1 of the GHS document .

- ATEmix (oral) 18420 mg/kg
- ATEmix (dermal) 24336 mg/kg
- ATEmix (inhalation-gas) 6233002 mg/l
- ATEmix (inhalation-dust/mist) 25.2 mg/l
- ATEmix (inhalation-vapor) 13853 mg/l

**12. Ecological Information**

This product contains a chemical which is listed as a marine pollutant according to DOT.
8.013% of the mixture consists of components(s) of unknown hazards to the aquatic environment

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-Limonene</td>
<td>0.619 - 0.796: 96 h</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5989-27-5</td>
<td>Pimephales promelas mg/L</td>
<td></td>
<td>LC50 flow-through 35: 96 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oncorhynchus mykiss mg/L</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium metasilicate</td>
<td>210: 96 h Brachydanio rerio mg/L</td>
<td></td>
<td>LC50 semi-static 210: 96 h</td>
<td>216: 96 h Daphnia magna mg/L</td>
</tr>
<tr>
<td>6834-92-0</td>
<td>Brachydanio rerio mg/L</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Daphnia magna mg/L EC50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimethyl Glutarate</td>
<td>19.6 - 26.2: 96 h</td>
<td></td>
<td></td>
<td>122.1 - 163.5: 48 h</td>
</tr>
<tr>
<td>1119-40-0</td>
<td>Pimephales promelas mg/L</td>
<td></td>
<td>LC50 static</td>
<td></td>
</tr>
</tbody>
</table>

**Persistence and degradability**
No information available.

**Bioaccumulation**
No information available.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-Butane</td>
<td>2.89</td>
</tr>
<tr>
<td>106-97-8</td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>2.3</td>
</tr>
<tr>
<td>74-98-6</td>
<td></td>
</tr>
</tbody>
</table>

**Other adverse effects**
No information available

### 13. Disposal Considerations

**Waste treatment methods**

**Disposal of wastes**
Dispose of in accordance with federal, state and local regulations.

**Contaminated packaging**
Pressurized container: Do not pierce or burn, even after use. Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-Limonene</td>
<td>Toxic</td>
</tr>
<tr>
<td>5989-27-5</td>
<td></td>
</tr>
</tbody>
</table>

### 14. Transport Information

**DOT**
Limited quantity (LQ) Coil cleaner.

**UN/ID no**
UN1950

**Proper Shipping Name**
Limited quantity (LQ)

**Hazard Class**
2.1

**Marine pollutant**
This product contains a chemical which is listed as a marine pollutant according to DOT.
15. Regulatory information

International Inventories

TSCA
All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

DSL
All ingredients are listed or are excluded from listing on the DSL.

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313
This product does not contain toxic chemicals (above the de minimis level) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th></th>
<th>yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 7732-18-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>N-Butane 106-97-8</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Propane 74-98-6</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

U.S. EPA Label information
EPA Pesticide registration number Not applicable

16. Other information

NFPA
Health Hazards 2 Flammability 1 Instability 1

HMIS
Health Hazards 3* Flammability 2 Physical Hazards 1

Physical and chemical properties Not applicable
Personal Protection B - Eyes and hands protection

Issue date 23-Feb-2015
Revision note
This SDS supersedes a previous SDS dated July 28, 2014.

Disclaimer
The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet