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

**Product Identifier**
- **Product name**: CHAMPION SPRAYON PHENOL DISINFECTANT
- **Chemical name**: 7-7814-3

**Other means of identification**
- **Product code**: FG 438-5160-8
- **Synonyms**: Disinfectant Spray
- **Registration number(s)**: 498-134

**Recommended use of the chemical and restrictions on use**
- **Recommended Use**: To disinfect hard, non-porous, inanimate surfaces.
- **Uses advised against**: Do not spray on varnished, painted or plastic surfaces.

**Details of the supplier of the safety data sheet**
- **Supplier Address**: Chase Products Co.
  2727 Gardner Road
  Broadview, IL  60155
  708-273-1121
- **Company Phone Number**: 708-865-1000
- **24 Hour Emergency Phone Number**: 1-800-255-3924
- **Emergency telephone**: ChemTel 1-800-255-3924

2. Hazards Identification

**Classification**

- **Serious eye damage/eye irritation**: Category 2A
- **Gases Under Pressure**: Category 1
- **Odor**: Perfumed.
- **Appearance**: Clear to yellow-greenish liquid.
- **Physical State**: Aerosol

**Label Elements**

**DANGER**

- **hazard statements**: Causes serious eye irritation
- **EXTREMELY FLAMMABLE AEROSOL**
- **Contains gas under pressure; may explode if heated**
Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves, protective clothing, eye protection and face protection.
Keep away from heat, sparks, open flames and hot surfaces. — No smoking
Pressurized container: Do not pierce or burn, even after use
Do not spray on an open flame or other ignition source

Precautionary Statements - Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention

Precautionary Statements - Storage
Protect from sunlight. Store in a well-ventilated place
Do not expose to temperatures exceeding 50°C (122 °F)

Hazards not otherwise classified (HNOC)

Other Information
• Toxic to aquatic life with long lasting effects
15.22% of the mixture consists of ingredient(s) of unknown toxicity

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>Ethyl alcohol</td>
<td>64-17-5</td>
<td>60-65</td>
<td>*</td>
</tr>
<tr>
<td>1,1-Difluoroethane</td>
<td>75-37-6</td>
<td>10-15</td>
<td>*</td>
</tr>
<tr>
<td>N-Butane</td>
<td>106-97-8</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>O-phenylphenol</td>
<td>90-43-7</td>
<td>0.1</td>
<td>*</td>
</tr>
</tbody>
</table>

Chemical Additions
See label for active ingredients information.

* 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 with soap and water. If irritation develops, consult a physician.

inhalation
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 advice.

INGESTION
Ingestion from an aerosol product is unlikely to occur.

Most important symptoms and effects, both acute and delayed

Symptoms
Acute, Deliberate inhalation of concentrated vapor or mist may cause headaches. Prolonged and repeated contact with the eyes may cause mild irritation.
FG 438-5160-8 CHAMPION SPRAYON PHENOL DISINFECTANT

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 Use water spray or fog; do not use straight streams.

Specific hazards arising from the chemical
Containers are under pressure. Temperatures above 130 °F may cause cans to burst.

Hazardous combustion products Thermal decomposition may yield gases like 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
Use personal protective equipment as required.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions CONTENTS UNDER PRESSURE. Do not puncture or incinerate cans.
Other Information Keep out of reach of children.

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 Avoid getting spray into eyes. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry place away from heat and open flame. Avoid storing at below-freezing temperatures. AEROSOL STORAGE LEVEL II (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.
### 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></td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear to yellow-greenish liquid.</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Clear to yellow-greenish</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Perfumed.</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>10.80</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>NA</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>173-181 °F/78.4 °C Ethyl alcohol</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not available. This is an aerosol product with a Flame Projection of 18 in. with 3 in. flashback. Temperatures above 120 F may cause cans to burst.</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Faster than butyl acetate</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Upper flammability limits</td>
<td>Not available</td>
<td>No information available</td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>Not available</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>0.844 concentrate</td>
<td>No information available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>completely soluble</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Softening point</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

**Other Information**

- FG 438-5160-8 CHAMPION SPRAYON PHENOL DISINFECTANT
10. Stability and Reactivity

**Reactivity**
Not applicable
no data available

**Chemical stability**
Stable.

**Possibility of hazardous reactions**
Temperatures above 130 °F may cause cans to burst with force.

**hazardous polymerization**
Hazardous polymerization does not occur.

**Conditions to Avoid**
Temperatures above 122 °F (50 °C).

**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**
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.

**inhalation**
See data below.

**Eye Contact**
no data available.

**Skin contact**
no data available.

**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>Ethyl alcohol</td>
<td>= 7060 mg/kg (Rat)</td>
<td>-</td>
<td>= 124.7 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>N-Butane</td>
<td>-</td>
<td>-</td>
<td>= 658 g/m³ (Rat) 4 h</td>
</tr>
<tr>
<td>Propane</td>
<td>-</td>
<td>-</td>
<td>= 658 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>O-phenylphenol</td>
<td>= 1049 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rat)</td>
<td>&gt; 0.949 mg/L (Rat) 1 h</td>
</tr>
</tbody>
</table>

**Information on toxicological effects**

**Symptoms**
See information above.

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

**sensitization**
No information available.

**Germ Cell Mutagenicity**
No information available.

**carcinogenicity**
The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-phenylphenol</td>
<td></td>
<td>Group 3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
FG 438-5160-8 CHAMPION SPRAYON PHENOL DISINFECTANT

Reproductive Toxicity
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Aspiration Hazard
No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity
15.22% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

<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>Ethyl alcohol 64-17-5</td>
<td></td>
<td>12.0 - 16.0: 96 h</td>
<td>EC50 = 34634 mg/L 30 min</td>
<td>9268 - 14221: 48 h Daphnia magna mg/L LC50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oncorhynchus mykiss mL/L</td>
<td>LC50 static 100: 96 h Pimephales promelas mg/L LC50 13400 - 15100: 96 h Pimephales promelas mg/L 167.3 mg/L EC50 flow-through</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pimephales promelas mL/L</td>
<td>35470 mg/L 5 min</td>
<td>2: 48 h Daphnia magna mg/L EC50 2.75 96 h Oncorhynchus mykiss mL/L EC50 5.8: 96 h Poecilia reticulata mg/L LC50 5.8 9268 - 14221: 48 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>O-phenylphenol 90-43-7</td>
<td>0.85: 72 h Desmodesmus</td>
<td>3.4: 96 h Pimephales promelas mL/L LC50 164 mg/L EC50 5 min 1 - 2.5: 48 h Daphnia magna mg/L EC50 Static</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>subspicatus mg/L LC50</td>
<td>flow-through 2.74: 96 h</td>
<td>2.05 mg/L 5 min</td>
<td>24 h Daphnia magna mg/L EC50 Static</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lepomis macrochirus mg/L</td>
<td>9268 - 14221: 48 h Daphnia magna mg/L LC50 2: 48 h Daphnia magna mg/L EC50 2.75: 96 h Oncorhynchus mykiss mL/L LC50 5.8: 96 h Poecilia reticulata mg/L LC50 5.8 9268 - 14221: 48 h Daphnia magna mg/L EC50</td>
<td></td>
</tr>
</tbody>
</table>

12. Ecological Information

This product does not contain ingredients listed as marine pollutants according to DOT.

Ecotoxicity

21.22% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability
No information available.

Bioaccumulation
See information below.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol 64-17-5</td>
<td>-0.32</td>
</tr>
<tr>
<td>N-Butane 106-97-8</td>
<td>2.89</td>
</tr>
<tr>
<td>Propane 74-98-6</td>
<td>2.3</td>
</tr>
<tr>
<td>O-phenylphenol 90-43-7</td>
<td>3.18</td>
</tr>
</tbody>
</table>

Other adverse effects
No information available

13. Disposal Considerations

Waste treatment methods
Disposal of wastes
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.

Contaminated packaging
Pressurized container: Do not pierce or burn, even after use.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>RCRA</th>
<th>RCRA - Basis for Listing</th>
<th>RCRA - D Series Wastes</th>
<th>RCRA - U Series Wastes</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-phenylphenol 90-43-7</td>
<td></td>
<td>Included in waste stream:</td>
<td>K060</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol 64-17-5</td>
<td>Toxic Ignitable</td>
</tr>
</tbody>
</table>

14. Transport Information

DOT
- Limited quantity (LQ)
- UN/ID no: UN1950
- Proper Shipping Name: Spray Disinfectant/Lubricant
- Hazard Class: 2.1
- Marine pollutant: This product does not contain ingredients listed as marine pollutants 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 contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372. This information must be included in all SDSs that are copied and distributed for this material.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No</th>
<th>weight-%</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-phenylphenol - 90-43-7</td>
<td>90-43-7</td>
<td>0.1</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories
- Acute Health Hazard: yes
- Chronic Health Hazard: yes
- Fire Hazard: yes
- Sudden release of pressure hazard: No
- Reactive Hazard: No

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 contains the following Proposition 65 chemicals.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>California Proposition 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-phenylphenol - 90-43-7</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

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>Ethyl alcohol 64-17-5</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>1,1-Difluoroethane 75-37-6</td>
<td>X</td>
<td>X</td>
<td></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>
<tr>
<td>O-phenylphenol 90-43-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

U.S. EPA Label Information

EPA Pesticide registration number 498-134

EPA Statement
This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: WARNING: Causes eye irritation. Do not get in eyes. Avoid contact with skin. Avoid contamination of foodstuff.

16. Other Information

NFPA
Health Hazards 1 Flammability 4 Instability 1

HMIS
Health Hazards 1* Flammability 4 Physical Hazards 1

Chronic Hazard Star Legend
See Section 11: TOXICOLOGICAL INFORMATION

Prepared by Regulatory Department
Issue date 01-Jun-2015
Revision note This SDS supersedes a previous MSDS dated May 17, 2011.

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