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

**Product Identifier**
Product name: CHAMPION SPRAYON INDOOR INSECT FOGGER FORMULA 3
Chemical name: 7-7665

**Other means of identification**
Product code: FG 438-5105-2 GHS
Synonyms: Total release fogger insecticide
Registration number(s): 498-146

**Recommended use of the chemical and restrictions on use**
Recommended Use: Flying and crawling insect killer.
Uses advised against: See directions for use on product's label.

**Details of the supplier of the safety data sheet**
Supplier Address: Chase Products Co.
2727 Gardner Road
Broadview, IL  60155
708-273-1121

Manufacturer Address: Chase Products Co.
2727 Gardner Road
Broadview, IL  60155
708-273-1121

Emergency Telephone Number
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**
This chemical is regulated by FIFRA.

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Inhalation (Gases)</td>
<td>4</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>1</td>
</tr>
<tr>
<td>FLAMMABLE AEROSOLS</td>
<td>1</td>
</tr>
<tr>
<td>Gases Under Pressure</td>
<td>liquefied gas</td>
</tr>
</tbody>
</table>

**Label Elements**

**EMERGENCY OVERVIEW**

**hazard statements**
HARMFUL IF INHALED
May cause an allergic skin reaction
EXTREMELY FLAMMABLE AEROSOL
Contains gas under pressure; may explode if heated
Precautionary Statements - Prevention
Avoid breathing fumes, mist, vapors or spray.
Use only outdoors or in a well-ventilated area
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves
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
Specific treatment: See additional cautionary statements on this label.
IF ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor if you feel unwell

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

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

Hazards not otherwise classified (HNOC)
Other Information
• Very toxic to aquatic life with long lasting effects
• Very toxic to aquatic life
0% of this mixture consist 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>Water</td>
<td>7732-18-5</td>
<td>50-55</td>
<td>*</td>
</tr>
<tr>
<td>n-butane</td>
<td>106-97-8</td>
<td>25-30</td>
<td>*</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>5-10</td>
<td>*</td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), heavy aliphatic</td>
<td>64742-96-7</td>
<td>5-10</td>
<td>*</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>64742-47-8</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Permethrin</td>
<td>52645-53-1</td>
<td>0.4</td>
<td>*</td>
</tr>
<tr>
<td>Pyrethrins</td>
<td>8000-34-7</td>
<td>0.05</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
Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advise.

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 advise.

Ingestion
Ingestion from an aerosol product is unlikely to occur.

Most important symptoms and effects, both acute and delayed

Symptoms
Prolonged contact with skin may cause allergic reactions on some individuals. Harmful if inhaled.

Indication of any immediate medical attention and special treatment needed

Note to physicians
Contains petroleum distillates, do not induce vomiting because of aspiration pneumonia hazard.

5. Fire-fighting measures

Suitable extinguishing media
CO2 (Carbon Dioxide), dry chemical, or water fog.

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 yield gases like nitrogen oxides, carbon monoxide and carbon dioxide. Chlorine gas, fluorine gas and hydrogen chloride may also be formed under fire conditions.

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. Avoid sources of ignition. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite)
and place in container for disposal according to local / national regulations (see Section 13).

Methods for cleaning up

Clean contaminated surface thoroughly.

Prevention of secondary hazards

Pyrethrins and pyrethroids are toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state and federal regulations.

7. Handling and Storage

Precautions for safe handling

Avoid contact with skin. Avoid getting spray into eyes. Do not deliberately inhale vapor or mist. Do not contaminate food or food handling surfaces. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). AEROSOL STORAGE LEVEL I (NFPA-30B).

Incompatible Materials

Avoid heat, open flame and contact with strong acids, strong bases and 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>(vacated) TWA: 1900 mg/m³</td>
<td>TWA: 1900 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>: See Appendix F: Minimal Oxygen Content</td>
<td>TWA: 1000 ppm</td>
<td>IDLH: 2100 ppm</td>
</tr>
<tr>
<td>74-98-6</td>
<td></td>
<td>(vacated) TWA: 1000 ppm TWA: 1800 mg/m³</td>
<td>TWA: 1000 ppm 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

Rubber, vinyl or household type gloves required.

Respiratory protection

None required. DO NOT remain in the area during treatment. Do not reenter area for 4 hours. Ventilate thoroughly before reentry.

General hygiene considerations

Wash hands thoroughly after handling.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State

Aerosol

Appearance

White emulsion.

Color

White

Odor

Characteristic odor of insecticide and petroleum distillate.

Odor threshold

No information available
FG 438-5105-2 GHS CHAMPION SPRAYON INDOOR INSECT FOGGER FORMULA 3

10. Stability and Reactivity

Reactivity
Not applicable

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 acids, strong bases and strong oxidizers.

Hazardous decomposition products
Thermal decomposition may yield gases like nitrogen oxides, carbon monoxide and carbon dioxide. Chlorine gas, fluorine gas and hydrogen chloride may also be formed under fire conditions.

11. Toxicological Information

Information on likely routes of exposure
Product Information

Results below are for a very similar product with same concentration of active ingredients.

Inhalation
Acute Inhalation IV (LC50 >5.98 mg/L).

Eye Contact
Primary Eye III.

Skin contact
Acute Dermal III (LD50 >2,000 mg/kg).

Ingestion
Acute Oral IV (LD50 >5,000 mg/kg).

<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 7732-18-5</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>Propane 74-98-6</td>
<td>-</td>
<td>-</td>
<td>= 658 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), heavy aliphatic 64742-96-7</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>&gt; 5.28 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated light 64742-47-8</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>&gt; 5.2 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Permethrin 52645-53-1</td>
<td>= 220 mg/kg (Rat) = 383 mg/kg (Rat)</td>
<td>&gt; 2 g/kg (Rabbit) &gt; 5000 mg/kg (Rat) = 1750 mg/kg (Rat)</td>
<td>&gt; 0.69 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

Skin corrosion/irritation
Prolonged and repeated contact with skin may cause allergic reactions in some individuals.

Serious eye damage/eye irritation
Can cause irritation after contact with the eyes.

Corrosivity
Not applicable.

Sensitization
May cause sensitization by skin contact.

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>Permethrin 52645-53-1</td>
<td>Group 2A</td>
<td>Group 3</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

Reproductive toxicity
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Aspiration Hazard
Not applicable.

Numerical measures of toxicity - Product Information

Unknown acute toxicity
0% of this mixture consist of ingredient(s) of unknown toxicity.

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

ATEmix (inhalation-gas) 2293333 mg/l
ATEmix (inhalation-vapor) 658 mg/l

12. Ecological Information

demonology

This pesticide is extremely toxic to fish. Do not contaminate water when disposing of equipment wash waters or rinsate.

6.468% of the mixture consists of components(s) of unknown hazards to the aquatic environment.
### Table

<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>Petroleum distillates, hydrotreated light</td>
<td></td>
<td>2.2: 96 h Lepomis macrochirus mg/L LC50 static 45; 96 h Pimephales promelas mg/L LC50 flow-through 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static</td>
<td>4720: 96 h Den-dronereides heteropoda mg/L LC50</td>
<td></td>
</tr>
<tr>
<td>Permethrin</td>
<td></td>
<td>0.0052 - 0.0077: 96 h Cyprinus carpio mg/L LC50 0.00188 - 0.00336: 96 h Lepomis macrochirus mg/L LC50 static 0.00049 - 0.00097: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.008 - 0.03: 96 h Pimephales promelas mg/L LC50 flow-through 0.015: 96 h Cyprinus carpio mg/L LC50 flow-through 0.0017 - 0.0048: 96 h Oncorhynchus mykiss mg/L LC50 static 0.00079: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.0108: 96 h Lepomis macrochirus mg/L LC50 0.001 - 0.009: 96 h Pimephales promelas mg/L LC50 static</td>
<td></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>Propane</td>
<td>2.3</td>
</tr>
<tr>
<td>Permethrin</td>
<td>6.5</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>Permethrin</td>
<td>Toxic</td>
</tr>
</tbody>
</table>

### 14. Transport Information
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 (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 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>Permethrin - 52645-53-1</td>
<td>52645-53-1</td>
<td>0.4</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

- Acute Health Hazard: yes
- Chronic Health Hazard: No
- 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 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></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>Permethrin 52645-53-1</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

U.S. EPA Label information
EPA Pesticide registration number 498-146
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: CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Breathing spray mist may be harmful. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

16. Other information

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards 1</th>
<th>Flammability 1</th>
<th>Instability 1</th>
<th>Physical and chemical properties Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS</td>
<td>Health Hazards 1</td>
<td>Flammability 2</td>
<td>Physical hazards 1</td>
<td>Personal Protection B - Eyes and hands protection</td>
</tr>
</tbody>
</table>

Prepared by Regulatory Department
Issue date 23-Jul-2018
Revision note This SDS supersedes a previous SDS dated January 22, 2015.

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