# Safety Data Sheet

**Issue date** 25-Jun-2015 **Version** 1

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

**Product Identifier**

**Product name** CHAMPION SPRAYON WASP, BEE & HORNET KILLER
**Chemical name** 7-7736-5

**Other means of identification**

**Product code** FG 438-5108-9
**Synonyms** Wasp, bee and hornet killer
**Registration number(s)** 498-156

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Insecticide for wasps, hornets and yellow jackets.
**Uses advised against** DO NOT USE THIS PRODUCT ON LIVING DECORATIVE TREES, SHRUBS OR ORNAMENTAL PLANTS.
Follow the "Use Restrictions" listed on the 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.

| | |
|---|---|
| Acute toxicity - Inhalation (Gases) | Category 3 |
| Acute toxicity - Inhalation (Vapors) | Category 3 |
| Germ Cell Mutagenicity | Category 1B |
| carcinogenicity | Category 1B |
| Aspiration toxicity | Category 1 |
| FLAMMABLE AEROSOLS | Category 1 |
| Gases Under Pressure | liquefied gas |

**Label Elements**

**EMERGENCY OVERVIEW**

**DANGER**

**hazard statements**
Toxic if inhaled
May cause genetic defects
May cause cancer
May be fatal if swallowed and enters airways
EXTREMELY FLAMMABLE AEROSOL
Contains gas under pressure; may explode if heated

**Appearance** clear liquid | **Physical State** Aerosol | **Odor** Characteristic odor of insecticide and petroleum distillate.

**Precautionary Statements - Prevention**
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves, protective clothing, eye protection and face protection.
Avoid breathing fumes, mist, vapors or spray.
Use only outdoors or in a well-ventilated area
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 exposed or concerned: Get medical advice/attention
Specific treatment: See additional cautionary statements on this label.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician
IF SWALLOWED: Immediately call a POISON CENTER or doctor
Do NOT induce vomiting

**Precautionary Statements - Storage**
Store locked up
Store in a well-ventilated place. Keep container tightly closed
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**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
3% of the mixture consists of ingredient(s) of unknown toxicity

## 3. Composition/information on Ingredients

**Common Name** Insecticide spray.
**Synonyms** Wasp, bee and hornet killer.
**Chemical Family** Pesticide.
**Formula** 7-7736-5
**Chemical nature** Solvent based insecticide.

| Chemical name | CAS No | weight-% | Trade secret |
|---|---|---|---|
| Petroleum distillates, hydrotreated light | 64742-47-8 | 65-70 | * |
| Tripropylene Glycol Methyl Ether | 25498-49-1 | 15-20 | * |
| Low Odor Mineral Spirits | 64742-47-8 | 5-10 | * |
| Carbon Dioxide | 124-38-9 | 1-5 | * |
| Petroleum naphtha, light aromatic | 64742-95-6 | <2 | * |
| Tetramethrin | 7696-12-0 | 0.2 | * |
| d-Phenothrin | 26002-80-2 | 0.125 | * |

* 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 artifical respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advise.

**INGESTION** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

**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 neumonia 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**
Vapors are heavier than air and may travel along the ground and be ignited by pilot lights, other flames, sparks, heaters, smoking or other ignition sources.

**Hazardous combustion products** Thermal decomposition may yield gases like carbon monoxide, carbon dioxide and hydrogen cyanide gas (from active ingredient). Hydrogen cyanide may be formed at 160 F (71.1 C) or higher, or by contact with alkaline substances such as soda ash and lye.

**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** Shut off ignition sources. Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

**For emergency responders** Remove all sources of ignition. Wear respiratory protection.

**Environmental Precautions**

**Environmental Precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** 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 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** Store in a cool, dry place away from heat and open flame. Keep out of reach of children. **AEROSOL STORAGE LEVEL III (NFPA-30B).**

**Incompatible Materials** Avoid heat, open flame and contact with strong alkali and strong oxidizing agents.

## 8. Exposure Controls/Personal Protection

**Control parameters**

**Exposure guidelines** See occupational exposure limits listed below.

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|---|---|
| Carbon Dioxide<br>124-38-9 | STEL: 30000 ppm<br>TWA: 5000 ppm | TWA: 5000 ppm<br>TWA: 9000 mg/m$^3$<br>(vacated) TWA: 10000 ppm<br>(vacated) TWA: 18000 mg/m$^3$<br>(vacated) STEL: 30000 ppm<br>(vacated) STEL: 54000 mg/m$^3$ | IDLH: 40000 ppm<br>TWA: 5000 ppm<br>TWA: 9000 mg/m$^3$<br>STEL: 30000 ppm<br>STEL: 54000 mg/m$^3$ |
| Ethyl alcohol<br>64-17-5 | STEL: 1000 ppm | TWA: 1000 ppm<br>TWA: 1900 mg/m$^3$<br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1900 mg/m$^3$ | IDLH: 3300 ppm<br>TWA: 1000 ppm<br>TWA: 1900 mg/m$^3$ |
| Cumene<br>98-82-8 | TWA: 50 ppm | TWA: 50 ppm<br>TWA: 245 mg/m$^3$<br>(vacated) TWA: 50 ppm<br>(vacated) TWA: 245 mg/m$^3$<br>(vacated) S*<br>S* | IDLH: 900 ppm<br>TWA: 50 ppm<br>TWA: 245 mg/m$^3$ |

**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 if used in a well-ventilated area . Follow label directions and precautions for the correct use of the product.

**General hygiene considerations** Wash hands thoroughly after handling.

## 9. Physical and Chemical Properties

**Information on basic physical and chemical properties**

| | | | |
|---|---|---|---|
| **Physical State** | Aerosol | | |
| **Appearance** | clear liquid | **Odor** | Characteristic odor of insecticide and petroleum distillate. |
| **Color** | Clear to yellowish | **Odor threshold** | No information available |

| **Property** | **Values** | **Remarks • Method** |
|---|---|---|
| **pH** | Not applicable | Solvent-based product. |
| **Melting point/freezing point** | Not applicable | No information available |
| **Boiling point/boiling range** | Hydrotreated Petroleum Dist. 468-529 °F | No information available |
| **Flash Point** | Not Available. This is an aerosol product for which Flame Projection is over 18 inches with 1 inches flashback. Temperatures above 120 F may cause cans to burst. | No information available |
| **Evaporation Rate** | Faster than butyl acetate. | No information available |
| **Flammability (solid, gas)** | | No information available |
| **Flammability Limits in Air** | | No information available |
| **Upper flammability limits** | | |
| **Lower Flammability Limit** | | |
| **Vapor pressure** | | No information available |
| **Vapor Density** | | No information available |
| **Relative Density** | 0.821 concentrate | No information available |
| **Water solubility** | | insoluble |
| **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 (%)** | 9.945% |
| **Density** | 6.84 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 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 alkali and strong oxidizing agents.

**Hazardous decomposition products**

Thermal decomposition may yield gases like carbon monoxide, carbon dioxide and hydrogen cyanide (from active ingredient).

## 11. Toxicological Information

**Information on likely routes of exposure**

**Product Information** This product has not been tested as whole. See below for information on ingredients.

**inhalation** no data available.

**Eye Contact** no data available.

**Skin contact** no data available.

**INGESTION** no data available.

| Chemical name | Oral LD50 | dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Petroleum distillates, hydrotreated light 64742-47-8 | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 5.2 mg/L ( Rat ) 4 h |
| Tripropylene Glycol Methyl Ether 25498-49-1 | = 3184 mg/kg ( Rat ) | = 15440 mg/kg ( Rabbit ) | - |
| Low Odor Mineral Spirits 64742-47-8 | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 5.2 mg/L ( Rat ) 4 h |
| Petroleum naphtha, light aromatic 64742-95-6 | = 8400 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | = 3400 ppm ( Rat ) 4 h |
| Tetramethrin 7696-12-0 | = 4640 mg/kg ( Rat ) | > 2500 mg/kg ( Rat ) | > 2500 mg/m³ ( Rat ) 3 h |
| d-Phenothrin 26002-80-2 | > 10 g/kg ( Rat ) | > 5 g/kg ( Rat ) | - |

**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** No a skin sensitizer.
**Germ Cell Mutagenicity** No information available.
**carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|---|---|---|---|---|
| Tetramethrin 7696-12-0 | | Group 2A | | X |
| d-Phenothrin 26002-80-2 | | Group 2A | | X |

**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** 3% of the mixture consists of ingredient(s) of unknown toxicity
**The following values are calculated based on chapter 3.1 of the GHS document** .
**ATEmix (oral)** 7986 mg/kg
**ATEmix (dermal)** 2846 mg/kg

**ATEmix (inhalation-gas)** 1588 mg/l
**ATEmix (inhalation-dust/mist)** 9.8 mg/l
**ATEmix (inhalation-vapor)** 11.4 mg/l

## 12. Ecological Information

This product does not contain marine pollutants.

**ecotoxicity**

3.325% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical name | Algae/aquatic plants | Fish | Toxicity to Microorganisms | Crustacea |
|---|---|---|---|---|
| Petroleum distillates, hydrotreated light 64742-47-8 | | 45: 96 h Pimephales promelas mg/L LC50 flow-through 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 2.2: 96 h Lepomis macrochirus mg/L LC50 static | | 4720: 96 h Den-dronereides heteropoda mg/L LC50 |
| Tripropylene Glycol Methyl Ether 25498-49-1 | | 11619: 96 h Pimephales promelas mg/L LC50 static | | 10: 48 h Daphnia magna mg/L EC50 |
| Low Odor Mineral Spirits 64742-47-8 | | 45: 96 h Pimephales promelas mg/L LC50 flow-through 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 2.2: 96 h Lepomis macrochirus mg/L LC50 static | | 4720: 96 h Den-dronereides heteropoda mg/L LC50 |
| Petroleum naphtha, light aromatic 64742-95-6 | | 9.22: 96 h Oncorhynchus mykiss mg/L LC50 | | 6.14: 48 h Daphnia magna mg/L EC50 |

**Persistence and degradability**
No information available.

**Bioaccumulation**
No information available.

**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.

| Chemical name | California Hazardous Waste Status |
|---|---|
| Tetramethrin 7696-12-0 | Toxic |
| d-Phenothrin 26002-80-2 | Toxic |

## 14. Transport Information

| | |
|---|---|
| **DOT** | Limited quantity (LQ) Insecticide spray |
| **UN/ID no** | UN1950 |
| **Proper Shipping Name** | Limited quantity (LQ) |
| **Hazard Class** | 2.1 |
| **Marine pollutant** | This product does not contain marine pollutants. |

## 15. Regulatory information

### International Inventories

| | |
|---|---|
| **TSCA** | All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Subtances 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.

| Chemical name | CAS No | weight-% | SARA 313 - Threshold Values % |
|---|---|---|---|
| Tripropylene Glycol Methyl Ether - 25498-49-1 | 25498-49-1 | 15-20 | 1.0 |
| Tetramethrin - 7696-12-0 | 7696-12-0 | 0.2 | 1.0 |
| d-Phenothrin - 26002-80-2 | 26002-80-2 | 0.125 | 1.0 |

**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 <0.1% cumene, a chemical known to State of California to cause cancer.

**U.S. State Right-to-Know Regulations**

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Tripropylene Glycol Methyl Ether<br>25498-49-1 | X | | X |
| Carbon Dioxide<br>124-38-9 | X | X | X |
| Tetramethrin<br>7696-12-0 | X | | |
| d-Phenothrin<br>26002-80-2 | X | | |

**U.S. EPA Label information**

**EPA Pesticide registration number** 498-156

**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: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

## 16. Other information

| | | | | |
|---|---|---|---|---|
| **NFPA** | **Health Hazards** 2 | **Flammability** 4 | **Instability** 1 | **Physical and chemical properties** Not applicable |
| **HMIS** | **Health Hazards** 2 | **Flammability** 4 | **Physical Hazards** 1 | **Personal Protection** B - Eyes and hands protection |

**Prepared by** Regulatory Department
**Issue date** 25-Jun-2015
**Revision note**

This SDS is for 10% VOC formulation. Previous SDS dated May 13, 2015 is for 40% VOC formulation.

**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**