



Issue date 11-May-2022

Safety Data Sheet

Version 3

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

Product Identifier

Product name CHAMPION SPRAYON MULTI-PURPOSE INSECT & LICE KILLER
Chemical name 7-7956-4

Other means of identification

Product code FG 438-5106-8
Synonyms Multi-purpose insecticide
Registration number(s) 498-174

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 | Manufacturer Address |
|--|--|
| Chase Products Co. 2727 Gardner Road Broadview, IL 60155 708-865-1000 | Chase Products Co. 2727 Gardner Road Broadview, IL 60155 708-865-1000 |

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 4 |
| Skin sensitization | Category 1 |
| Carcinogenicity | Category 1B |
| FLAMMABLE AEROSOLS | Category 2 |
| Gases Under Pressure | liquefied gas |

Label Elements

EMERGENCY OVERVIEW

DANGER

hazard statements

HARMFUL IF INHALED
May cause an allergic skin reaction
May cause cancer
Flammable Aerosol
Contains gas under pressure; may explode if heated



Appearance Off-white emulsion

Physical State Aerosol

Odor Cedarwood

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
 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

IF exposed or concerned: Get medical advice/attention
 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

Store locked up
 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

Common Name Insecticide spray.
Synonyms Multi-purpose insecticide.
Chemical Family Pesticide.
Formula 7-7956-4
Chemical nature Oil-water emulsion.

| Chemical name | CAS No | weight-% | Trade secret |
|---|------------|----------|--------------|
| Water | 7732-18-5 | 70-75 | * |
| n-butane | 106-97-8 | 10-15 | * |
| Petroleum distillates, hydrotreated light | 64742-47-8 | 5-10 | * |
| Propane | 74-98-6 | 1-5 | * |

FG 438-5106-8 CHAMPION SPRAYON MULTI-PURPOSE INSECT & LICE KILLER

| | | | |
|--------------------|------------|------|---|
| Piperonyl Butoxide | 51-03-6 | 1.00 | * |
| Permethrin | 52645-53-1 | 0.4 | * |
| Pyrethrins | 8003-34-7 | 0.2 | * |

* 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 advice. |
| 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 | 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 carbon monoxide, carbon dioxide and various other hydrocarbons.

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

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 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.

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-------------------------|--|--|--|
| n-butane 106-97-8 | STEL: 1000 ppm explosion hazard | (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³ | IDLH: 1600 ppm TWA: 800 ppm TWA: 1900 mg/m ³ |
| Propane 74-98-6 | : See Appendix F: Minimal Oxygen Content, explosion hazard | TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³ | IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³ |
| Pyrethrins 8003-34-7 | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ (vacated) TWA: 5 mg/m ³ | IDLH: 5000 mg/m ³ TWA: 5 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. After spraying, leave the room and keep area closed for 15 minutes. Thoroughly ventilate room before reentry. Sweep up and discard fallen insects.

General hygiene considerations Wash hands thoroughly after handling. Read and follow the USER SAFETY RECOMMENDATIONS on the product label.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

| | | | |
|------------------------------|--|--------------------------|--------------------------|
| Physical State | Aerosol | Odor | Cedarwood |
| Appearance | Off-white emulsion | Odor threshold | No information available |
| Color | White | | |
| Property | Values | Remarks • Method | |
| pH | Not applicable | Water-oil emulsion. | |
| Melting point/freezing point | Not applicable | No information available | |
| Boiling point/boiling range | Water 212 °F/100 °C | No information available | |
| Flash Point | Not Available. This is an aerosol product for which Flame Projection is 0 inches. 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 | 0.945 - 0.952 concentrate | No information available | |
| 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 (%) | 14.53% | | |
| Density | 7.87 - 7.93 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 acids, strong bases and strong oxidizers.

Hazardous decomposition products

Thermal decomposition may yield gases like carbon monoxide, carbon dioxide and various other hydrocarbons.

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 III.

Eye Contact Primary Eye IV.

Skin contact Acute Dermal IV.

Ingestion Acute Oral IV.

| Chemical name | Oral LD50 | dermal LD50 | Inhalation LC50 |
|--|----------------------|-------------------------|------------------------------------|
| Water 7732-18-5 | > 90 mL/kg (Rat) | - | - |
| n-butane 106-97-8 | - | - | = 658 g/m ³ (Rat) 4 h |
| Petroleum distillates, hydrotreated light 64742-47-8 | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 5.2 mg/L (Rat) 4 h |
| Propane 74-98-6 | - | - | > 800000 ppm (Rat) 15 min |
| Piperonyl Butoxide 51-03-6 | = 4570 mg/kg (Rat) | = 1880 mg/kg (Rabbit) | > 5.9 mg/L (Rat) 4 h |
| Permethrin 52645-53-1 | = 220 mg/kg (Rat) | > 5000 mg/kg (Rat) | > 0.69 mg/L (Rat) 4 h |
| Pyrethrins 8003-34-7 | = 200 mg/kg (Rat) | = 2060 mg/kg (Rabbit) | = 3.4 mg/L (Rat) 4 h |

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 |
|-------------------------------|-------|---------------------|-----|------|
| Piperonyl Butoxide 51-03-6 | | Group 3 | | |
| Permethrin 52645-53-1 | | Group 2A Group 3 | | X |
| Pyrethrins 8003-34-7 | | 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 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

ecotoxicity

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

6.1% 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 | | 2.2: 96 h Lepomis macrochirus mg/L LC50 static 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flow-through | | |
| Piperonyl Butoxide 51-03-6 | | 7.07: 96 h Oncorhynchus mykiss mg/L LC50 semi-static | | |
| Permethrin 52645-53-1 | | 0.00049 - 0.00097: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.001 - 0.009: 96 h Pimephales promelas mg/L LC50 static 0.0017 - 0.0048: 96 h Oncorhynchus mykiss mg/L LC50 static 0.00188 - 0.00336: 96 h Lepomis macrochirus mg/L LC50 static 0.0052 - 0.0077: 96 h Cyprinus carpio mg/L LC50 0.008 - 0.03: 96 h Pimephales promelas mg/L LC50 flow-through 0.00079: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.0108: 96 h Lepomis macrochirus mg/L LC50 0.015: 96 h Cyprinus carpio mg/L LC50 flow-through | | |
| Pyrethrins 8003-34-7 | | 0.003 - 0.0046: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.0031 - 0.0038: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.02 - 0.03: 96 h Oncorhynchus mykiss mg/L LC50 static 0.0322 - 0.0472: 96 h Lepomis macrochirus mg/L LC50 static 0.0425 - 0.121: 96 h Pimephales promelas mg/L LC50 flow-through | | |

| | | | | |
|--|--|--|--|--|
| | | 0.224 - 0.458: 96 h Pimephales promelas mg/L LC50 static 0.054: 96 h Oncorhynchus mykiss mg/L LC50 0.074: 96 h Lepomis macrochirus mg/L LC50 | | |
|--|--|--|--|--|

Persistence and degradability

No information available.

Bioaccumulation

No information available.

| Chemical name | Partition coefficient |
|--------------------------|-----------------------|
| n-butane 106-97-8 | 2.89 |
| Propane 74-98-6 | 2.3 |
| Permethrin 52645-53-1 | 6.5 |

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 |
|-------------------------------|-----------------------------------|
| Piperonyl Butoxide 51-03-6 | Toxic |
| Permethrin 52645-53-1 | Toxic |
| Pyrethrins 8003-34-7 | Toxic |

14. Transport Information

DOT

| | |
|----------------------|--------------------|
| UN/ID no | Limited Quantity |
| Proper Shipping Name | Consumer Commodity |
| Hazard Class | NA |

IATA

| | |
|----------------------|---------------------|
| UN/ID no | UN1950 |
| Proper Shipping Name | Aerosols, flammable |
| Hazard Class | 2.1 |

IMDG

| | |
|----------------------|---------------------|
| UN/ID no | UN1950 |
| Proper Shipping Name | Aerosols, flammable |

Hazard Class 2.1
Marine pollutant Not applicable

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/NDL - 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.

| Chemical name | CAS No | weight-% | SARA 313 - Threshold Values % |
|------------------------------|------------|----------|-------------------------------|
| Piperonyl Butoxide - 51-03-6 | 51-03-6 | 1.00 | 1.0 |
| Permethrin - 52645-53-1 | 52645-53-1 | 0.4 | 1.0 |

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute Health Hazard | yes |
| Chronic Health Hazard | No |
| Fire Hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Pyrethrins 8003-34-7 | 1 lb | | | |

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|-------------------------|--------------------------|----------------|--|
| Pyrethrins 8003-34-7 | 1 lb | | RQ 1 lb final RQ RQ 0.454 kg final RQ |

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|--------------------|------------|---------------|--------------|
| Water 7732-18-5 | | | X |
| n-butane | X | X | X |

FG 438-5106-8 CHAMPION SPRAYON MULTI-PURPOSE INSECT & LICE KILLER

| | | | |
|-------------------------------|---|---|---|
| 106-97-8 | | | |
| Propane 74-98-6 | X | X | X |
| Piperonyl Butoxide 51-03-6 | X | | |
| Permethrin 52645-53-1 | X | X | |
| Pyrethrins 8003-34-7 | X | X | X |

U.S. EPA Label information

EPA Pesticide registration number 498-174

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: HAZARDS TO HUMANS:** Harmful if inhaled. Avoid breathing vapor or spray mist. Avoid contact with skin or clothing. Wash hands 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. **HAZARDS TO DOMESTIC ANIMALS: For use on dogs and puppies (over 12 weeks old). Do not use on puppies less than 12 weeks old. Read entire label before each use. DO NOT USE ON CATS.**

16. Other information

| | | | | |
|--------------------|-------------------------|-----------------------|---------------------------|--|
| <u>NFPA</u> | Health Hazards 1 | Flammability 1 | Instability 1 | Physical and chemical properties Not applicable |
| <u>HMIS</u> | Health Hazards 1 | Flammability 2 | Physical hazards 1 | Personal Protection B - Eyes and hands protection |

Prepared by

Issue date

Revision note

This SDS supersedes a previous SDS dated: 26-Jul-2017

Regulatory Department

11-May-2022

Disclaimer

The information provided in this 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