



Issue date 02-May-2019

# Safety Data Sheet

Version 2

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

### Product Identifier

**Product name** CHAMPION SPRAYON FS+ MULTI-PURPOSE INSECTICIDE  
**Chemical name** 7-7969

### Other means of identification

**Product code** FG 438-5113-1  
**Synonyms** Multi-purpose insecticide  
**Registration number(s)** 498-202

### 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

<b>Supplier Address</b>	<b>Manufacturer Address</b>
Chase Products Co.	Chase Products Co.
2727 Gardner Road	2727 Gardner Road
Broadview, IL 60155	Broadview, IL 60155
708-865-1000	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 3
Acute toxicity - Inhalation (Vapors)	Category 3
Skin sensitization	Category 1
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 an allergic skin reaction  
May be fatal if swallowed and enters airways  
EXTREMELY FLAMMABLE AEROSOL  
Contains gas under pressure; may explode if heated



**Appearance** Clear, yellowish liquid.

**Physical State** Aerosol

**Odor** Characteristic odor of insecticide and petroleum distillate.

**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 First Aid statements on the 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/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**

- May be harmful in contact with skin
  - Very toxic to aquatic life with long lasting effects
  - Very toxic to aquatic life
- 0% of the mixture consists of ingredient(s) of unknown toxicity

**3. Composition/information on Ingredients**

**Common Name** Insecticide spray.  
**Synonyms** Multi-purpose insecticide.  
**Chemical Family** Pesticide.  
**Formula** 7-7969  
**Chemical nature** Solvent based insecticide.

Chemical name	CAS No	weight-%	Trade secret
Petroleum distillates, hydrotreated light	64742-47-8	80-85	*
n-butane	106-97-8	5-10	*
Propane	74-98-6	5-10	*
Esfenvalerate	66230-04-4	0.1	*

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

<b>Eye Contact</b>	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.
<b>Skin contact</b>	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.
<b>Inhalation</b>	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.
<b>Ingestion</b>	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

<b>Symptoms</b>	Prolonged contact with skin may cause allergic reactions on some individuals. Harmful if inhaled.
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##### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Contains petroleum distillates, do not induce vomiting because of aspiration pneumonia hazard.
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#### 5. Fire-fighting measures

##### Suitable extinguishing media

Use CO<sub>2</sub>, dry chemical, or foam.

**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 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

<b>Personal precautions</b>	Use with adequate general or local exhaust ventilation.
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**For emergency responders** Remove all sources of ignition.

**Environmental precautions**

**Environmental precautions** Prevent product from entering drains. 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 III (NFPA-30B).**

**Incompatible Materials** Avoid, heat, open flames and contact with alkaline substances such as soda ash and lye.

**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 <sup>3</sup>	IDLH: 1600 ppm TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>
Propane 74-98-6	: See Appendix F: Minimal Oxygen Content, explosion hazard	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup>	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>

**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** For crack and crevice treatment, use in a well-ventilated area only. For space spray, do not remain on the treated area. Keep areas closed for a least 1/2 hour. Ventilate area thoroughly before reentry.

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

**9. Physical and Chemical Properties**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Aerosol	<b>Odor</b>	Characteristic odor of insecticide and petroleum distillate.
<b>Appearance</b>	Clear, yellowish liquid.		
<b>Color</b>	Clear to yellowish	<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not applicable	Solvent-based product.
Melting point/freezing point	Not applicable	No information available
Boiling point/boiling range	Petroleum Distillate 424-495 F	No information available
Flash Point	Not Available. This is an aerosol product for which Flame Projection is over 18 inches with 8 in 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	60 psig (total can @ 70 F)	No information available
Vapor Density		No information available
Relative Density	0.824 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 (%)	15.00%
Density	6.86 lb/gal
Bulk Density	No information available

**10. Stability and Reactivity**

<b><u>Reactivity</u></b>	Not applicable
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).

# FG 438-5113-1 CHAMPION SPRAYON FS+ MULTI-PURPOSE INSECTICIDE

## Incompatible Materials

Avoid, heat, open flames and contact with alkaline substances such as soda ash and lye.

## 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

<b>Product Information</b>	Results below are for a very similar product with same concentration of active ingredients.
<b>Inhalation</b>	Acute Inhalation LC50 >2.64 mg/L - Rats exposed for 4 hours to test atmosphere.
<b>Eye Contact</b>	Minimally irritating to both the unrinsed and rinsed eye. All ocular irritation cleared within 72 hours.
<b>Skin contact</b>	Acute Dermal LD 50: >2000 mg/kg (Albino rabbit).
<b>Ingestion</b>	Acute Oral IV (LD50 >5,000 mg/kg).

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
n-butane 106-97-8	-	-	= 658 g/m <sup>3</sup> ( Rat ) 4 h
Propane 74-98-6	-	-	> 800000 ppm ( Rat ) 15 min
Esfenvalerate 66230-04-4	= 325 mg/kg ( Rat ) = 75 mg/kg ( Rat )	> 2 g/kg ( Rabbit ) > 2000 mg/kg ( Rabbit ) > 5 g/kg ( Rat )	= 0.48 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

<b>Skin corrosion/irritation</b>	Prolonged and repeated contact with skin may cause allergic reactions in some individuals.
<b>Serious eye damage/eye irritation</b>	Can cause irritation after contact with the eyes.
<b>corrosivity</b>	Not applicable.
<b>sensitization</b>	May cause sensitization by skin contact.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Esfenvalerate 66230-04-4		Group 2A Group 3		X

<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration Hazard</b>	Not applicable.

### Numerical measures of toxicity - Product Information

<b>Unknown acute toxicity</b>	0% of the mixture consists of ingredient(s) of unknown toxicity
<b>The following values are calculated based on chapter 3.1 of the GHS document .</b>	
<b>ATEmix (inhalation-gas)</b>	2293333 mg/l
<b>ATEmix (inhalation-vapor)</b>	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 component(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 45: 96 h Pimephales promelas mg/L LC50 flow-through 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static		4720: 96 h Den-dronereides heteropoda 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

**Other adverse effects**

**Ozone**

No information available

This product does not contain CFCs or other ozone depleting substances. Federal regulations prohibit the use CFC propellants in aerosols.

**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
Esfenvalerate 66230-04-4	Toxic

**14. Transport Information**

**DOT**

<b>UN/ID no</b>	Limited Quantity
<b>Proper Shipping Name</b>	Consumer Commodity
<b>Hazard Class</b>	ORM-D

**IATA**

<b>UN/ID no</b>	UN1950
<b>Proper Shipping Name</b>	Aerosols, flammable

**FG 438-5113-1 CHAMPION SPRAYON FS+ MULTI-PURPOSE INSECTICIDE**

**Hazard Class** 2.1

**IMDG**

**UN/ID no** UN1950  
**Proper Shipping Name** Aerosols, flammable  
**Hazard Class** 2.1  
**Marine pollutant** This product contains a chemical which is listed as a severe marine pollutant according to IMDG/IMO

**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 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**

**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**

Chemical name	New Jersey	Massachusetts	Pennsylvania
n-butane 106-97-8	X	X	X
Propane 74-98-6	X	X	X

**U.S. EPA Label information**

**EPA Pesticide registration number** 498-202



**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.**

<b>16. Other information</b>				
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<u>NFPA</u>	Health Hazards 2	Flammability 4	Instability 1	<b>Physical and chemical properties</b> Not applicable
<u>HMIS</u>	Health Hazards 2	Flammability 4	Physical hazards 1	<b>Personal Protection</b> B - Eyes and hands protection

Prepared by Regulatory Department

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Revision note

This SDS supersedes a previous SDS dated December 16, 2014.

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**