


SAFETY DATA SHEET



1. Identification

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|---|---|
| Product identifier | Safer's Trounce Insecticide Concentrate 10L |
| Other means of identification | |
| Synonyms | 21-2149CAN (PCP 24363) |
| Recommended use | For control of populations of Aphids, Mealybugs, Spider Mites, Whitefly, Brown Soft Scale, Psyllids, Rose or Pear Slugs, Earwigs, Beetles, Caterpillars and other listed insects on Field Vegetables, Greenhouse Vegetables, Fruit Trees, Shrubs, Landscape Trees, Greenhouse and Interior Plantings, Herbs and Spices. |
| Recommended restrictions | Read the approved PCPA label prior to using or handling the pest control product. |
| Manufacturer/Importer/Supplier/Distributor information | |
| Manufacturer | |
| Company name | Woodstream Canada Corporation |
| Address | Unit 1, 25 Bramtree Court Brampton, ON L6S 6G2 Canada |
| Telephone | (800) 800-1819 |
| e-mail | Not available. |
| Emergency phone number | 800-424-9300 (CHEMTREC) |
| Supplier | See above. |

2. Hazard identification

| | | |
|---|--|------------|
| Physical hazards | Flammable liquids | Category 3 |
| Health hazards | Skin corrosion/irritation" Specific target organ toxicity following single exposure | Category 2 |
| Environmental hazards | Not classified. | |
| Label elements |  | |
| Signal word | Danger | |
| Hazard statement | Highly flammable liquid and vapour. Causes skin irritation. | |
| Precautionary Statement Prevention | Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Use non-sparking tools. Ground and bond container and receiving equipment. Take action to prevent static discharges. Wash thoroughly after handling. Wear protective gloves/protective clothing/ eye protection/face protection. | |
| Response | In case of fire: Use appropriate media to extinguish. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritations occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Specific treatment (see information on this label). | |
| Storage | In case of fire: Use appropriate media to extinguish. | |
| Disposal | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Specific treatment (see information on this label). | |
| Other hazards | Store in a well-ventilated place. Keep cool. Dispose of contents/container in accordance with local/regional/national/international regulations. None known. | |

This product is not subject to the Hazardous Products Act (HPA) Part II (Hazardous Products) as per paragraph 12(j); Schedule 1 (Non-Application of Part II). This restriction states that Part II does not apply in respect of the sale or importation of anything listed in Schedule 1 which includes any pest control product as defined in subsection 2(1) of the Pest Control Products Act, any explosive as defined in section 2 of the Explosives Act, any cosmetic, device, drug or food, as defined in section 2 of the Food and Drugs Act, any consumer product as defined in section 2 of the Canada Consumer Product Safety Act and any wood or product made of wood.

Exempt - Registered product - (PCP 24363).
Refer to product label for further information.

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|---------------|--------------------------|------------|-------|
| Pyrethrins | | 8003-34-7 | <0.3 |
| Ethyl alcohol | | 64-17-5 | >15.0 |

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments Not applicable to PCP products. Refer to product label for active ingredient content.

4. First-aid measures

| | |
|---|---|
| Inhalation | IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. |
| Skin contact | IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice. |
| Eye contact | IF IN EYES: 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. |
| Ingestion | IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. |
| Most important symptoms/effects, acute and delayed | Skin irritation. May cause redness and pain. Direct contact with eyes may cause temporary irritation. |
| General information | NOTICE TO USER This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention. |

5. Fire-fighting measures

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|--|---|
| Suitable extinguishing media | Alcohol resistant foam. Carbon dioxide. |
| Unsuitable extinguishing media | Not available. |
| Specific hazards arising from the chemical | During fire, gases hazardous to health may be formed. |
| Hazardous combustion products | May include and are not limited to: Oxides of carbon. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire fighting equipment/instructions | Move containers from fire area if you can do so without risk. |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. |
| General fire hazards | Highly flammable liquid and vapour. |

6. Accidental release measures

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|--|---|
| Personal precautions, protective equipment and emergency procedures | Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapour. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). |
|--|---|

Methods and materials for containment and cleaning up

Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions

Do not discharge into lakes, streams, ponds or public waters.

7. Handling and storage

Precautions for safe handling

Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment. Avoid breathing mist or vapour. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. When handling, do not eat, drink or smoke.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children.

8. Exposure controls/Personal protection

Occupational exposure limits**US. ACGIH Threshold Limit Values**

| Components | Type | Value |
|---------------------------|------|---------|
| Pyrethrin (CAS 8003-34-7) | TWA | 5 mg/m3 |

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

| Components | Type | Value |
|---------------------------|------|---------|
| Pyrethrin (CAS 8003-34-7) | TWA | 5 mg/m3 |

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

| Components | Type | Value |
|---------------------------|------|---------|
| Pyrethrin (CAS 8003-34-7) | TWA | 5 mg/m3 |

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

| Components | Type | Value |
|---------------------------|------|---------|
| Pyrethrin (CAS 8003-34-7) | TWA | 5 mg/m3 |

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

| Components | Type | Value |
|---------------------------|------|---------|
| Pyrethrin (CAS 8003-34-7) | TWA | 5 mg/m3 |

Canada. Quebec OELs. (Ministry of Labour - Regulation Respecting the Quality of the Work Environment)

| Components | Type | Value |
|---------------------------|------|---------|
| Pyrethrin (CAS 8003-34-7) | TWA | 5 mg/m3 |

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses if eye contact is possible.

Skin protection**Hand protection**

Use protective gloves. Nitrile gloves are recommended.

Other

Not normally required.

Respiratory protection

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).

Thermal hazards

Not applicable.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly with soap and water after handling. When handling, do not eat, drink or smoke.

9. Physical and chemical properties

| | |
|------------------------|-------------------|
| Appearance | Liquid |
| Physical state | Liquid. |
| Form | Liquid. |
| Colour | Translucent Amber |
| Odour | Lardy, Alcohol |
| Odour threshold | Not available. |

| | |
|---|-------------------|
| pH | 7.5 |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | 84 °C (183.2 °F) |
| Flash point | 28.0 °C (82.4 °F) |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or explosive limits | |
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Explosive limit - lower (%) | Not available. |
| Explosive limit – upper (%) | Not available. |
| Vapour pressure | Not available. |
| Vapour density | Not available. |
| Relative density | Not available. |
| Solubility(ies) | |
| Solubility (Water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | 0.5 cps |
| Other information | |
| Bulk density | 7.83 |
| Explosive properties | Not explosive. |
| Oxidising properties | Not oxidising. |
| Specific gravity | 0.96 |

10. Stability and reactivity

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| Reactivity | May react with incompatible materials. |
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | Hazardous polymerisation does not occur. |
| Conditions to avoid | Avoid heat, sparks, open flames and other ignition sources. Do not mix with other chemicals. |
| Incompatible materials | Strong oxidising agents. Acids. |
| Hazardous decomposition products | May include and are not limited to: Oxides of carbon. |

11. Toxicological information

Information on likely routes of exposure

| | |
|---------------------|--|
| Inhalation | Prolonged inhalation may be harmful. |
| Skin contact | Causes skin irritation. |
| Eye contact | Direct contact with eyes may cause temporary irritation. |
| Ingestion | May cause stomach distress, nausea or vomiting. |

Symptoms related to the physical, chemical and toxicological characteristics Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity

| Components | Species | Test results |
|---|--|-------------------------|
| Fatty Acids, C8-18 And C18-unsatd., Potassium Salts (CAS 67701-09-1) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Not available | |
| <i>Inhalation</i> | | |
| LC50 | Not available | |
| <i>Oral</i> | | |
| LD50 | Not available | |
| Pyrethrin (CAS 8003-34-7) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rabbit | 300 mg/kg, LOLI |
| <i>Inhalation</i> | | |
| LC50 | Rat | 3.4 mg/L, 4 Hours, HSDB |
| <i>Oral</i> | | |
| LD50 | Mouse | 273 - 796 mg/kg, HSDB |
| | | 273 - 796 mg/kg |
| | Rat | 584 - 900 mg/kg, HSDB |
| | | 2370 mg/kg, HSDB |
| | | 1030 mg/kg, HSDB |
| | | 200 mg/kg, LOLI |
| Skin corrosion/irritation | Causes skin irritation. | |
| Exposure minutes | Not available. | |
| Erythema value | Not available. | |
| Oedema value | Not available. | |
| Serious eye damage/eye irritation | Direct contact with eyes may cause temporary irritation. | |
| Corneal opacity value | Not available. | |
| Iris lesion value | Not available. | |
| Conjunctival reddening value | Not available. | |
| Conjunctival oedema value | Not available. | |
| Recover days | Not available. | |
| Respiratory or skin sensitisation | | |
| Canada - British Columbia OELs: Respiratory or skin sensitiser | | |
| Pyrethrin (CAS 8003-34-7) | Capable of causing respiratory, dermal or conjunctival sensitization. | |
| Respiratory sensitisation | Not a respiratory sensitizer. | |
| Skin sensitisation | This product is not expected to cause skin sensitisation. | |
| Germ cell mutagenicity | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. | |
| Carcinogenicity | See below. | |
| ACGIH Carcinogens | | |
| Pyrethrin (CAS 8003-34-7) | A4 Not classifiable as a human carcinogen. | |
| Canada - Manitoba OELs: carcinogenicity | | |
| PYRETHRUM (CAS 8003-34-7) | Not classifiable as a human carcinogen. | |
| Reproductive toxicity | This product is not expected to cause reproductive or developmental effects. | |
| Specific target organ toxicity - single exposure | Not classified. | |
| Specific target organ toxicity - repeated exposure | Not classified. | |
| Aspiration hazard | Not an aspiration hazard. | |
| Chronic effects | Prolonged inhalation may be harmful. | |
| Further information | Not available. | |

12. Ecological information

Ecotoxicity This product is toxic to aquatic organisms. Do not allow waste water, effluent or runoff containing this product to enter lakes, streams, ponds or other waters.

Ecotoxicological data

| Components | | Species | Test results |
|---------------------------|------|----------------------------|------------------------------|
| Pyrethrin (CAS 8003-34-7) | | | |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (Daphnia) | 0.018 - 0.032 mg/L, 48 hours |
| Fish | LC50 | Brown trout (Salmo trutta) | 0.017 - 0.023 mg/L, 96 hours |

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Mobility in soil

Mobility in general No data available.

Other adverse effects Not available.

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation)

13. Disposal considerations

Disposal instructions Triple or pressure-rinse the empty container. Add the rinsings to the treatment site. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer provincial regulatory agency in case of a spill, and for cleanup of spills.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

14. Transport information

General Canada: TDG Proof of Classification: In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods Regulations, we certify that the classification of this product is correct as of the SDS date of issue. If applicable, the technical name and the classification of the product will appear below.

Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:

| | |
|-----------------------------|---------------------------------------|
| UN number | UN1170 |
| Proper shipping name | Limited Quantity |
| Technical name | Consumer Commodity (Ethanol Solution) |
| Hazard class | 3 |
| Packing group | II |
| Special provisions | 16, 150 |

TDG



15. Regulatory information

Canadian federal regulations Exempt - Registered product - (PEST CONTROL PRODUCTS ACT: REGISTRATION NO. 24363).

This product is not subject to the Hazardous Products Act (HPA) Part II (Hazardous Products) as per paragraph 12(j); Schedule 1 (Non-Application of Part II).

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Read the approved PCPA label prior to using or handling the pest control product. This chemical is a pest control product registered by Health Canada Pest Management Regulatory Agency and is subject to certain labelling requirements under the Pest Control Products Act. These requirements differ from the classification criteria and hazard information required for GHS-consistent safety data sheets. Following is the hazard information required on the pest control product label:

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Product may cause skin and eye irritation. Avoid contact with skin and eyes. Do not apply to blossoms or when temperatures exceed 28° C. Do not spray plants in direct sunlight. This product is toxic to fish. Do not apply where runoff is likely to occur. Do not contaminate streams, lakes or ponds. Do not use on sweetpeas, nasturtiums, delicate ferns, impatiens or poinsettia once bracts are coloured. Spinach and schizanthus may be sensitive to foliar spraying. If in doubt about a sensitive species spray a small test area on a plant before treating entire plant or crop. If this product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at : www.croplife.ca. **DO NOT APPLY BY AIR.**

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

International regulations Not available.

WHMIS classification Exempt - Registered product - (PCP 24363)

Inventory status

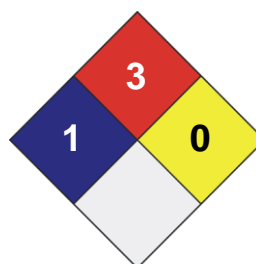
| Country(s) or region | Inventory Name | On Inventory (Yes/No)* |
|----------------------|-------------------------------------|------------------------|
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other information

| LEGEND | |
|----------|---|
| Severe | 4 |
| Serious | 3 |
| Moderate | 2 |
| Slight | 1 |
| Minimal | 0 |

| | |
|----------------------------|-----|
| HEALTH | / 1 |
| FLAMMABILITY | 3 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | X |



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Version No. 01

Other information For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

Disclaimer Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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