



**VOLUNTARY PURCHASING GROUPS, INC.**

## **Safety Data Sheet Cattlemen's Choice 1% Permethrin Synergized Pour-On**

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### **SECTION 1: Identification**

#### **GHS Product identifier**

Product name Cattlemen's Choice 1% Permethrin Synergized Pour-On

Product number 24162; 24163

#### **Other means of identification**

EPA Reg. No. 7401-504

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

Insecticide

#### **Supplier's details**

Name Voluntary Purchasing Groups, Inc.  
Address 230 FM 87  
Bonham TX 75418  
USA

Telephone 855-270-4776

#### **Emergency phone number**

In the event of a medical or chemical emergency contact ChemTel, Inc.  
North American 1-800-255-3924 or worldwide Intl. + 01-813-248-0585

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### **SECTION 2: Hazard identification**

#### **General hazard statement**

- Harmful if swallowed.
- Harmful if inhaled.
- Cause eye irritation
- Cause skin irritation
- Suspected of causing cancer (Carcinogenicity- Category 2)

#### **Classification of the substance or mixture**

#### **GHS classification in accordance with: OSHA (29 CFR 1910.1200, 2012)**

- Acute toxicity, oral, Cat. 4
- Acute toxicity, inhalation, Cat. 4
- Eye damage/irritation, Cat. 2B
- Skin corrosion/irritation, Cat. 2

#### **GHS label elements, including precautionary statements**

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### Pictograms



### Signal word

### Warning

### Hazard statement(s)

H302 Harmful if swallowed  
H332 Harmful if inhaled  
H320 Causes eye irritation  
H315 Causes skin irritation

### Precautionary statement(s)

P264 Wash ... thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P301+P312 IF SWALLOWED: Call a POISON CENTER /doctor/...if you feel unwell,  
P330 Rinse mouth.  
P501 Dispose of contents/container to ...  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P271 Use only outdoors or in a well-ventilated area.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
  
P312 Call a POISON CENTER/doctor/.../ if you feel unwell.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
Wear protective gloves.  
P337+P313 IF ON SKIN: Wash with plenty of water/...  
P280 Specific treatment (see ... on this label).  
P302+P352 If skin irritation occurs: Get medical advice/attention.  
P321 Take off contaminated clothing and wash it before reuse.  
P332+P313 Keep out of reach of children.  
P362+P364 Read label before use.  
P102  
P103

## SECTION 3: Composition/information on ingredients

### Mixtures

#### Hazardous components

Component	Concentration
<b>Permethrin (CAS no.: 52645-53-1; EC no.: 258-067-9; Index no.: 613-058-00-2)</b>	<b>1 %</b>
CLASSIFICATIONS: Acute toxicity, inhalation, Cat. 4; Acute toxicity, oral, Cat. 4; Sensitization, skin, Cat. 1; Hazardous to the aquatic environment, short-term (acute), Cat. 1; Hazardous to the aquatic environment, long-term (chronic), Cat. 1. HAZARDS: H302 - Harmful if swallowed; H317 - May cause an allergic skin reaction; H332 - Harmful if inhaled; H400 - Very toxic to aquatic life; H410 - Very toxic to aquatic life with long lasting effects. [SCLs/M-factors/ATEs]: M=1000	
<b>Piperonyl butoxide (CAS no.: 51-03-6)</b>	<b>1 %</b>
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
<b>Stoddard solvent (CAS no.: 8052-41-3)</b>	<b>3 %</b>
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

## SECTION 4: First-aid measures

### Description of necessary first-aid measures

General advice Have the product container or label with you when calling a poison control center or doctor, or

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going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information.

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|-------------------------|---|
| If inhaled              | <ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |
| In case of skin contact | <ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>  |
| In case of eye contact  | <ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continuing rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |
| If swallowed            | <ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul> |

### Most important symptoms/effects, acute and delayed

Aspiration hazard.

### Indication of immediate medical attention and special treatment needed, if necessary

NOTE TO PHYSICIANS: This product may pose an aspiration pneumonia hazard. Contains petroleum distillate.

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## SECTION 5: Fire-fighting measures

### Suitable extinguishing media

Water fog, CO2, foam, dry chemical.

### Specific hazards arising from the chemical

Pesticide fires have potential to emit hazardous decomposition products. May release irritating and toxic gases due to thermal decomposition.

### Special protective actions for fire-fighters

Isolate fire area and evacuate downwind. DO NOT breathe gases, smoke or vapors generated. Wear self-contained breathing apparatus and full-protective clothing. Cool fire exposed areas and equipment.

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## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

See Section 8 for personal protection equipment.

### Environmental precautions

Keep spilled material and any rinsate from contaminating soil or from entering sewage and drainage systems and bodies of water.

### Methods and materials for containment and cleaning up

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In case of spillage or leakages, soak up with an absorbent material such as sand, sawdust, earth, Fuller's earth, etc. Dispose of with chemical waste. Sweep contaminated absorbent material into suitable container. Seal container and dispose of all contaminated waste material in municipal land-fill or through licensed TSDF. Open dumping is prohibited.

### Reference to other sections

See Section 8 for personal protection equipment.

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## SECTION 7: Handling and storage

### Precautions for safe handling

Avoid dermal contact. Take precautions to avoid damaging containers. Avoid cross contamination. Always wash hands thoroughly after handling pesticides and before eating, drinking, or smoking. Clean water should be available to rinse eyes and skin in case of chemical exposure.

### Conditions for safe storage, including any incompatibilities

Store upright at room temperature. Avoid exposure to extreme temperatures. Store in a locked area out of reach of children and domestic animals. In case of spillage or leakages, soda up with an absorbent material such as same, sawdust, earth, Fuller's earth, etc. Dispose of with chemical waste.

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## SECTION 8: Exposure controls/personal protection

### Control parameters

#### 1. Stoddard solvent (CAS: 8052-41-3)

PEL (Inhalation): 500 ppm; US (US/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 2900 mg/m<sup>3</sup>; US (US/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 100 ppm; US (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): 350 mg/m<sup>3</sup>, (C) 1800 mg/m<sup>3</sup> [15-min]; US (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### Appropriate engineering controls

Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.

### Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Protective eyewear or chemical safety glasses with side shields or chemical goggles when working in non-ventilated spaces.

#### Skin protection

Long-sleeve shirt, long pants, shoes plus socks.

#### Body protection

Clean water should be available to rinse eyes and skin in case of chemical exposure. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

#### Respiratory protection

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None likely to be needed. NIOSH approved P class filtering face piece or respirator may be used to minimize inhalation of aerosols.

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### SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Light amber liquid
Odor	Mild Hydrocarbon
Odor threshold	None known
pH	5-5.5
Melting point/freezing point	No information available
Initial boiling point and boiling range	No information available
Flash point	>230°F
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Upper/lower flammability or explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Relative density	7.16 (lbs/gal)
Solubility(ies)	Negligible
Partition coefficient: n-octanol/water	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	32.6 mPa at 25°C

#### Additional properties

Physical state	Liquid
Color	Light amber

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### SECTION 10: Stability and reactivity

#### Reactivity

No hazardous chemical reactions known.

#### Chemical stability

Stable under normal conditions.

#### Possibility of hazardous reactions

HAZARDOUS POLYMERIZATION: Will not occur.

#### Conditions to avoid

Avoid exposure to extreme temperatures.

#### Incompatible materials

Strong acids and bases.

#### Hazardous decomposition products

May release irritating and toxic gases due to thermal decomposition.

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### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Acute Oral LD50 (Rat): > 500 mg/kg – 5,000 mg/kg

Acute Dermal LD50 (Rabbit): >2,000 mg/kg

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Acute Inhalation LC50 (Rat): >2.02 mg/L/1 hr  
Eye Irritation: Irritant  
Skin Irritation: Mildly irritating  
Dermal Sensitization: No data available

#### **Skin corrosion/irritation**

May cause slight irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Harmful if absorbed through Skin. Avoid contact with skin and clothing.

#### **Serious eye damage/irritation**

May cause mild irritation to eyes. Avoid contact with eyes.

#### **Respiratory or skin sensitization**

Avoid inhalation of vapour or mist. May be harmful if inhaled.

#### **Germ cell mutagenicity**

Permethrin was not mutagenic or genotoxic in a battery of in vitro and in vivo mutagenicity studies. Piperonyl butoxide does not have significant potential for mutagenicity based on sufficient evidence.

#### **Carcinogenicity**

Permethrin has low oncogenic potential in mice and no oncogenic potential in rats, therefore, EPA has concluded the likelihood of oncogenicity effects in humans from permethrin to be extremely low or nonexistent. Piperonyl butoxide gave no evidence of a carcinogenic potential in a lifetime feeding study in rats. In an oncogenicity study in mice, piperonyl butoxide caused an increased incidence of liver tumors. The US EPA has categorized piperonyl butoxide as a group C carcinogen, possible human carcinogen, based on limited evidence of cancer in laboratory animals.

#### **Reproductive toxicity**

Permethrin was not a reproductive toxicant in multi-generation reproduction studies in rats. Piperonyl butoxide was not a reproductive toxicant in a two-generation study in rats.

#### **Specific target organ toxicity (STOT) - single exposure**

No data available.

#### **Specific target organ toxicity (STOT) - repeated exposure**

Permethrin caused neurobehavioral effects (e.g., tremors) and/or organ effects (liver, lung, kidney) in chronic studies in rats, mice and dogs. Piperonyl butoxide caused decreased body weights and/or increased organ weights (liver, kidney, adrenal) in chronic studies in rats and dogs.

#### **Aspiration hazard**

No data available.

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## SECTION 12: Ecological information

#### **Toxicity**

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

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This pesticides is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Permethrin: (EPA Ecotox Database) Rain trout LC50 (96-h):  
0.62 µg/L Bluegill LC50 (96-h): 0.79 µg/L  
Bobwhite quail LD50 (8-day): 5,200 ppm

#### Persistence and degradability

The average half-life of permethrin in aerobic soils is 39.5 days, with a range from 11.6 to 113 days. Permethrin binds tightly to soil and is broken down primarily by microorganisms, but also by photolysis.

#### Bioaccumulative potential

Will not bioaccumulate.

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## SECTION 13: Disposal considerations

### Disposal methods

#### Product disposal

Pesticide wastes are toxic. Do not contaminate water, food, or feed by storage or disposal. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. Dispose of excess or waste pesticide by use according to label directions, or contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### Packaging disposal

Dispose of product containers, waste containers, and residues according to label instructions and local, state, and federal health and environmental regulations.

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## SECTION 14: Transport information

### DOT (US)

Not regulated.

### IMDG

UN3082, Environmentally hazardous substance, liquid, n.o.s. (permethrin), 9, PG III, marine pollutant

### IATA

UN3082, Environmentally hazardous substance, liquid, n.o.s. (permethrin), 9, PG III

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## SECTION 15: Regulatory information

### Safety, health and environmental regulations specific for the product in question

#### Massachusetts Toxic Use Reduction Act (TURA) list

Chemical name: 3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropane carboxylic acid, (3-phenoxy-phenyl)methyl ester  
CAS number: 52645-53-1  
TRI listing: X-reportable; CERCLA listing: unlisted; TURA-only listing: no; de minimis concentration threshold: 1 percent. Changes: Added to TURA and TRI RY1995

#### New Jersey Right To Know Components

Common name: Permethrin  
CAS number: 52645-53-1

#### Massachusetts Right To Know Components (105 CMR 670)

Chemical name: Permethrin

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CAS number: 52645-53-1

Asterisk: no; Refs: 8

### Water hazard class (WGK, Germany)

Chemical name: Permethrin, cas number: 52645-53-1

WGK hazard class: WGK 3 - Extremely hazardous to water

### Minnesota Chemicals of High Concern (Minn. Stat. 116.9401)

Chemical name: Permethrin

CAS number: 52645-53-1

Hlth: liver

### Massachusetts Toxic Use Reduction Act (TURA) list

Chemical name: Piperonyl butoxide

CAS number: 51-03-6

TRI listing: X-reportable; CERCLA listing: unlisted; TURA-only listing: no; de minimis concentration threshold: 1 percent. Changes: Added to TURA and TRI RY1995

### New Jersey Right To Know Components

Common name: Piperonyl butoxide

CAS number: 51-03-6

### US EPA TSCA public inventory

Chemical name: 1,3-Benzodioxole, 5-[[2-(2-butoxyethoxy)ethoxy]methyl]-6-propyl-

CAS number: 51-03-6

### New Jersey Right To Know Components

Common name: Stoddard solvent

CAS number: 8052-41-3

Listing note: F2-flammable 2nd deg.

### Pennsylvania Right To Know Components

Chemical name: Stoddard solvent

CAS number: 8052-41-3

### US EPA TSCA public inventory

Chemical name: Stoddard solvent

CAS number: 8052-41-3

### Massachusetts Right To Know Components (105 CMR 670)

Chemical name: Stoddard solvent

CAS number: 8052-41-3

Asterisk: no; Refs: 2,4

### Water hazard class (WGK, Germany)

Chemical name: Stoddard solvent, cas number: 8052-41-3

WGK hazard class: WGK 2 - Hazardous to water

### Minnesota Chemicals of High Concern (Minn. Stat. 116.9401)

Chemical name: Stoddard solvent

CAS number: 8052-41-3

Hlth: liver, nervous system

### SARA 313 Components

Product name: Cattlemen's Choice 1% Permethrin Synergized Pour-On

### HMIS Rating

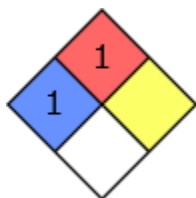
Cattlemen's Choice 1% Permethrin Synergized Pour-On	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	

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PERSONAL PROTECTION

### NFPA Rating



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## SECTION 16: Other information

### Further information/disclaimer

Voluntary Purchasing Groups, Inc. believes the information presented herein is accurate and correct as of the document date. The presented information is based upon available data from reliable sources. Voluntary Purchasing Groups, Inc. makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.