

Y-TEX<sup>®</sup> Corporation

## SAFETY DATA SHEET

**SECTION 1: PRODUCT and COMPANY IDENTIFICATION**

Product Name: BRUTE® Pour-on for Cattle  
EPA Reg. No.: 39039-7

Date Prepared: 06/28/96  
Date Revised: 08/28/13

Y-TEX Corporation  
1825 Big Horn Ave., PO Box 1450  
Cody, WY 82414

For Health Safety Emergency Only, Call CHEM-TEL, Inc.: 1-800-255-3924  
Other Information Calls: 800-443-6401, 307-587-5515 (Y-TEX)

General Use: Ready-to-use pour-on for long-lasting control of lice, horn flies and Gulf Coast ticks on lactating and non-lactating dairy cattle and beef cattle.

**SECTION 2: HAZARDS IDENTIFICATION**

Potential Health Effects: **WARNING**. Keep out of reach of children. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

	U.S. OSHA PEL	ACGIH TLV	Concentration (w/w) %	g/kg	CAS Number
<b>Hazardous Ingredients:</b>					
Permethrin (3-Phenoxyphenyl) Methyl (±) cis/trans- 3-(2,2-dichloroethenyl)-dimethylcyclopropane-carboxylate* *cis/trans ratio: min. 35% (±) cis and max. 65% (±) trans			10.0%	100	52645-53-1
Related Compounds			0.87%	8.7	
Technical White Mineral Oil			84.13%	841.3	8042-47-5

**SECTION 4: FIRST AID**

Eye Contact: Avoid contact with eyes. Non-irritating to eyes.  
Skin Contact: Avoid contact with skin. Non-irritating to skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.  
Ingestion: Harmful if swallowed. If swallowed, do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.  
Inhalation: Do not breathe vapors or spray mist.  
Other Information: NOTE TO PHYSICIAN: Contains petroleum distillates. May pose an aspiration pneumonia hazard. Have the product container or label with you when calling a poison control center or going for treatment. You may also contact 1-800-255-3924 (Chem-Tel, Inc.) for emergency medical treatment information.

**SECTION 5: FIRE FIGHTING MEASURES**

Flash Point (method): >110°C  
Autoignition Temperature: Not applicable  
LEL: Not established  
UEL: Not established  
Flammability Classification: Combustible  
Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical and Water Fog  
Hazardous Combustion Products: None known  
Unusual Fire or Explosion Hazards: Do not use direct stream of water. Material may float and reignite.  
Fire-Fighting Instructions/Equipment: Use self-contained breathing apparatus, cool fire-exposed areas and equipment.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Use recommended personal protective equipment (see Section 8).  
Small or Large Spill: In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

**SECTION 7: HANDLING AND STORAGE**

Handling Precautions: Mixers, loaders, applicators and other handlers must wear long-sleeve shirt and long pants; shoes plus socks; chemical-resistant gloves made of nitrile or neoprene rubber; chemical-resistant apron for mixers/loaders, persons cleaning equipment, and persons exposed to the concentrate. Follow manufacturer's instructions for maintaining personal protective equipment (PPE). If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

Storage Requirements: Do not contaminate water, food or feed by storage or disposal. Store upright at room temperature. Avoid exposure to extreme temperatures.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

Eye/Face Protection: None required  
Skin Protection: Mixers, loaders, applicators and other handlers must wear long-sleeve shirt and long pants; shoes plus socks; chemical-resistant gloves made of nitrile or neoprene rubber; chemical-resistant apron for mixers/loaders, persons cleaning equipment, and persons exposed to the concentrate.  
Respiratory Protection: None required  
Engineering Controls: None required  
Administrative Controls: Use this product only as specified on the label.  
Other Information: See section 7

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Physical State: Medium amber to light brown liquid  
Odor: Very mild  
Odor Threshold (ppm): Not applicable  
pH: 6.39 (1%, v/v, in H<sub>2</sub>O)  
Melting Point: Not established  
Boiling Point: Not established  
Flash Point: > 110°C

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

Evaporation Rate:	Not established
Flammability:	Combustible
LEL:	Not established
UEL:	Not established
Vapor Pressure (mm Hg):	Not established
Vapor Density (Air = 1):	Not established
Relative Density:	7.39 lbs/gal (20°C)
Specific Gravity (H <sub>2</sub> O = 1):	0.87
Solubility in Water:	Insoluble
Solubility in Oil:	Soluble
Autoignition Temperature:	Not applicable
Decomposition Temperature:	Not applicable
V.O.C.:	Not applicable

**SECTION 10: STABILITY AND REACTIVITY**

Chemical Stability: Stable  
Hazardous Polymerization: Will not occur  
Conditions to Avoid: None  
Chemicals to Avoid: Strong oxidizers  
Hazardous Decomposition Products: None known

**SECTION 11: TOXICOLOGICAL INFORMATION**Acute Effects

Eyes: Non-irritation  
Skin: Non-irritating. Dermal LD<sub>50</sub>: >5050 mg/kg  
Ingestion: Oral LD<sub>50</sub>: >5050 mg/kg  
Inhalation: LC<sub>50</sub>: >10 mg/L (estimated)

Chronic Effects

Eyes: Not determined  
Skin: Not determined  
Ingestion: Not determined  
Inhalation: Not determined

Carcinogenicity: None  
Target Organ Effects: None  
Medical Conditions Aggravated by Long-term Exposure: Not determined

**SECTION 12: ECOLOGICAL INFORMATION**

This product is extremely toxic to aquatic organisms including fish and invertebrates. To protect the environment, do not allow pesticides to enter or to 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.

This pesticide 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.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Pesticide Disposal: Pesticide that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

**SECTION 13: DISPOSAL CONSIDERATIONS (continued)**

Container Disposal: One gallon and smaller:

If empty: Non-refillable container. Do not reuse this container. Offer for recycling, if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**SECTION 14: TRANSPORT INFORMATION**

U.S. DOT: Not restricted

UN Number: Not applicable

UN Proper Shipping Name: Insecticide, O/T Agricultural, N.O.I., Liquid

Transport Hazard Class: None

Packing Group: None

Marine Pollutant: No

**SECTION 15: REGULATORY INFORMATION**

This product has been reviewed according to the U.S. EPA "Hazard Categories" promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is not considered a SARA Title III hazard.

Combustible as defined by U.S. Regulation 49 CFR 173.120(b)

HMIS Rating: Health Hazard – 1; Flammability – 2; Physical Hazard – 0; Reactivity – 0

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 swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

**SECTION 16: OTHER INFORMATION**

Revision date: 08/28/13

USA EPA Reg. No.: 39039-7; USA Establishment No.: 39578-TX-1

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, Y-TEX Corporation makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will Y-TEX Corporation be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.