

SECTION 1: PRODUCT and COMPANY IDENTIFICATION

Product Name: **BRUTE® Pour-on for Cattle** Date Prepared: 06/28/96
 EPA Reg. No.: 39039-7 Date Revised: 10/17/16

Y-TEX Corporation For Health Safety Emergency Only, Call CHEM-TEL, Inc. (24 hours): 1-800-255-3924 US
 1825 Big Horn Ave. 813-248-0585 International
 Cody, WY 82414 Other Information Calls: 800-443-6401, 307-587-5515 (Y-TEX)
 (7:30am – 4:30pm MDT, Monday-Friday)

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

GHS CLASSIFICATION:		
Health	Environmental	Physical
Acute Toxicity: Category 4 (inhalation) Skin Irritation: No Skin Sensitization: No Eye: No	Acute Toxicity: Extremely toxic to aquatic organisms including fish and invertebrates Chronic Toxicity: Category 4	None Known

GHS LABEL:



SIGNAL WORD:

WARNING

HAZARD STATEMENTS:

Symbols: Exclamation – acute toxicity, Environmentally hazardous substance

Hazard Statements	Precautionary Statements
WARNING H302 Harmful if swallowed H332 Harmful if inhaled H413 May cause long lasting harmful effects to aquatic life	P101 If medical advice is needed, have product container or label at hand P102 Keep out of reach of children P103 Read label before use P261 Avoid breathing vapors or mist P264 Wash thoroughly with soap and water after handling P270 Do not eat, drink or smoke when using this product P271 Use only outdoors or in a well-ventilated area P273 Avoid release to the environment P301 IF SWALLOWED: Do not induce vomiting. Do not give anything by mouth to an unconscious person. Call a physician. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a poison control center or physician if you feel unwell. P501 Dispose of contents by securely wrapping and discarding in trash. Non-refillable container. Do not reuse. Discard in trash or offer for recycling.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients:	Concentration (w/w)		CAS Number
	%	g/kg	
Permethrin (3-Phenoxyphenyl) Methyl (±) cis/trans-3-(2,2-dichloroethenyl)-dimethylcyclopropane-carboxylate* *cis/trans ratio: min. 35% (±) cis and max. 65% (±) trans	10.00%	100.0	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

EXPOSURE LIMITS:	Component	U.S. OSHA PEL	ACGIH TLV
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 ₂ O)	Melting Point:	Not established
Boiling Point:	Not established	Flash Point:	> 110°C
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 ₂ 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

<u>Acute Effects</u>		<u>Chronic Effects</u>	
Eyes:	Non-irritation	Eyes:	Not determined
Skin:	Non-irritating. Dermal LD ₅₀ : >5050 mg/kg	Skin:	Not determined
Ingestion:	Oral LD ₅₀ : >5050 mg/kg	Ingestion:	Not determined
Inhalation:	LC ₅₀ : >10 mg/L (estimated)	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.

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

UN Number:	Not applicable	U.S. DOT:	Not restricted
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)

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: 10/17/16

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