

Material Safety Data Sheet

SECTION I - IDENTIFICATION OF PRODUCT

Manufacturer's Name:	Y-TEX Corporation 1825 Big Horn Ave., PO Box 1450 Cody, WY 82414 USA	FOR HEALTH SAFETY EMERGENCY ONLY: 800-255-3924 CHEM TEL, INC. (USA) Other Information Calls: 800-443-6401, 307-587-5515 Y-TEX
Name:	BRUTE® Pour-On for Cattle	
E.P.A. Reg. No.:	39039-7	E.P.A. Est. No.: 39578-TX-1
Chemical Name:	See Section II	Chem. Family: Synthetic pyrethroid mixture
C.A.S. Name:	See Section II	C.A.S. Number: See Section II
Chem. Formula:	N/A	Molecular Wt.: N/A
Hazardous Mat'l. Desc.:	Insecticide, O/T Agricultural, N.O.I., Liquid	
Hazard Class:	None	Identity No.: None
		Labels Required: None

SECTION II - HAZARDOUS COMPONENTS OF MIXTURES

<u>MATERIAL</u>	<u>PERCENT (w/w)</u>
Permethrin (CAS #52645-53-1) (3-Phenoxyphenyl) Methyl (±) cis/trans-3-(2,2-dichloroethenyl)-dimethylcyclopropane-carboxylate*	10.00
Related Compounds	0.87
*cis/trans ratio: min. 35% (±) cis and max. 65% (±) trans	
Technical White Mineral Oil (CAS #8042-47-5)	84.13

SECTION III - PHYSICAL DATA

Odor:	Very Mild	Melting Point:	N/E
Density:	7.26 lbs/gal	Color (G-H):	6-8
Boiling Point:	N/E	Percent Volatile:	N/E
Vapor Pressure:	N/E	Evaporation Rate:	N/E
		(N-butyl acetate = 1)	
Vapor Density:	N/E	Flashpoint:	335°F
Refractive Index:	N/E	Specific Gravity:	0.870
Solubility (OIL):	Soluble	Solubility (WATER):	Insoluble
Appearance:	Medium Amber to Light Brown Liquid	Flammability:	Combustible

SECTION IV - FIRE & EXPLOSION HAZARD DATA

Flash Point (Method Used):	335°F (C.O.C.)	
Flammable Limit (Lower):	N/E	Flammable Limit (Upper): N/E

Fire Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical and Water Fog

Special Procedures: Use self-contained breathing apparatus, cool fire-exposed areas and equipment.

Unusual Fire/Explosion Hazards: Do not use direct stream of water. Material may float and reignite.

SECTION V - REACTIVITY DATA

Stability:	Stable	Hazardous Polymerization:	Will not occur
Conditions to Avoid:	None		
Incompatibility:	Strong Oxidizers		
Hazardous Decomposition or Byproducts:	None Known		

SECTION VI - HEALTH HAZARD DATA

Toxicity Category:	IV	Oral LD ₅₀ :	>5050 mg/kg
Dermal LD ₅₀ :	>5050 mg/kg	Inhalation LC ₅₀ :	>10 mg/L (estimated)
Eye Effects:	Non-Irritating	Effects of Overexposure:	N/E
Skin Effects:	Non-Irritating		
Threshold Limit Value:	None	Additional Comments:	None
Chemicals listed as carcinogens or potential carcinogens:			
U.S. Nat'l. Toxicology Program:	None	IARC Monographs:	None
		OSHA:	None

SECTION VII - SPECIAL PROTECTION

Other Precautions: Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

SECTION VIII - EMERGENCY & FIRST AID PROCEDURES

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.

NOTE TO PHYSICIAN: Contains petroleum distillates. May pose an aspiration pneumonia hazard.

SECTION IX - SPILLAGE OR LEAKAGE PROCEDURES

PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright at room temperature. Avoid exposure to extreme temperatures. 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 X - WASTE DISPOSAL METHODS

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures. Containers One Gallon and Smaller: Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

SECTION XI - ADDITIONAL PRECAUTIONS

This product is highly toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

SECTION XII - SARA TITLE III HAZARDS

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 considered, under applicable definitions, to meet the following categories:

<input type="checkbox"/> Fire	<input type="checkbox"/> Sudden Release of Pressure
<input type="checkbox"/> Reactivity	<input type="checkbox"/> Immediate Health Hazard (acute)
<input type="checkbox"/> Delayed Health Hazard (chronic)	<input checked="" type="checkbox"/> Not a SARA Title III Hazard

HMIS Ratings: 1 – Health Hazard 2 – Flammability 0 – Physical Hazard 0 – Reactivity

SECTION XIII - COMMENTS

The information contained herein is believed to be accurate whether originating with Y-TEX Corporation or not. Y-TEX Corporation provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data. Recipients are advised to confirm any data, in advance of need, that it is current, applicable and suitable to their circumstances.

SECTION XIV - APPENDIX

MATERIAL SAFETY DATA SHEET PREPARED: June 28, 1996

Revised: February 13, 2007

FOR HEALTH SAFETY EMERGENCY ONLY: 800-255-3924 CHEM-TEL, INC. (USA)

HMIS Hazard Index:	Hazardous	4 - Severe	1 - Slight
	Materials	3 - Serious	0 - Minimal
	Identification	2 - Moderate	
	System		

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

N/E -- Not Established

N/A -- Not Applicable

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BRUTE® Pour-On for Cattle