MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION OF PRODUCT

DURVET, INC.
Blue Spings,
Missouri

EMERGENCY PHONE NUMBERS 1-800-424-9300 CHEMTREC
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CALL CHEMTREC 24 HOURS A DAY @ 1-800-424-9300

TRADE NAME: **DURVET 10% PERMETHRIN**
CHEMICAL NAME: (3-phenoxyphenyl)methyl(±)cis/trans-3-(2,2-dichloroethenyl)-dimethylcyclopropane carboxylate
CHEMICAL FAMILY: Insecticide

II. HAZARDOUS COMPONENTS OF MIXTURES

COMPONENT	CAS #	TLV(UNITS)
Permethrin	52645-53-1	None set

III. PHYSICAL DATA

BOILING POINT:	Not Established	VAPOR DENSITY(AIR=1):	Not Established
BULK DENSITY:	7.12#/Gal	% VOLATILE BY VOL:	Not Established
SPECIFIC GRAVITY:	.855 g/ml	APPEARANCE:	Yellow liquid
SOLUBLE IN WATER:	Emulsifiable	ODOR:	Aromatic

VAPOR PRESSURE (mm OF Hg) @ 20 D C: Not Established

IV. FIRE & EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD):	110°F
FLAMMABLE LIMITS (UEL AND LEL):	Not Established
EXTINGUISHING MEDIA:	Water spray/fog, Foam, Dry Chemical, CO_2.
SPECIAL FIRE FIGHTING PROCEDURES:	Wear protective clothing. SCBA should be used.
UNUSUAL FIRE AND EXPLOSION HAZARD:	None known

V. REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	Extreme temperatures.
INCOMPATIBILITY (MATERIALS TO AVOID):	Oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS:	None Known
HAZARDOUS POLYMERIZATION:	Will not occur

VI. HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Dizziness, nausea, vomiting and headache. High vapor may cause eye and/or respiratory irritation. Liquid may cause eye irritation or numbness.
EMERGENCY AND FIRST AID PROCEDURES:
EYES: Flush with water for 15 minutes, obtain medical attention if irritation persists.
SKIN: Remove contaminated clothing. Wash with soap and water. Get medical attention if irritation persists.
INGESTION: Call a physician immediately. DO NOT induce vomiting.
INHALATION: Remove victim to fresh air. Apply artificial respiration if necessary.
CARCINOGEN STATUS: Not listed by NTP, IARC or ACGIH.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Pick up with absorbent material and place in a container for proper disposal in accordance with all Federal, State and Local Regulations.
WASTE DISPOSAL METHOD: Do not contaminate water, food or feed by storage or disposal. Dispose of in an approved waste disposal facility in accordance with all Federal, State and Local Regulations.
CONTAINER DISPOSAL: Triple rinse (or equivalent) adding rinse water to spray tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by the appropriate authorities.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Wear a NIOSH/MSHA approved respirator if necessary.			
VENTILATION:	LOCAL:	Recommended	SPECIAL:	None
	MECHANICAL:	Not required	OTHER:	None
PROTECTIVE GLOVES:	Wear rubber or impervious gloves.			
EYE PROTECTION:	Wear goggles or a face shield.			
OTHER PROTECTION:	Full body covering clothing.			

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN STORAGE AND HANDLING: Store in a cool dry place. Keep in original container, tightly closed. Do not reuse empty container.
OTHER PRECAUTIONS: Keep out of reach of children. Always launder contaminated clothing before reuse.

X. REGULATORY INFORMATION

Components which could require reporting under SARA TITLE III are: Permethrin - CAS# 52645-53-1 - 10%

SARA TITLE III HAZARD CATEGORY

IMMEDIATE:	Yes	FIRE:	Yes	REACTIVITY:	No
DELAYED:	No	SUDDEN RELEASE OF PRESSURE:			No
FREIGHT CLASS:	ITEM 102120	CLASS 60			
DOT REGULATION:	Not Regulated				

Legal responsibility is assumed only for the fact that all studies reported here and all opinions are those of qualified experts. Buyer assumes all risks & liability. He accepts & uses this material on these conditions. He must have a copy of this MSDS where this material is handled.

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