

## MATERIAL SAFETY DATA SHEET

# SUTERRA LLC

213 S.W. Columbia, Bend, Oregon U.S.A. 97702-1013  
EMERGENCY PHONE NUMBER: (541) 388-3688

SECTION I			
TRADE NAME:	CheckMate® PTB-XL Dispenser		
REGULATORY LICENSE:	EPA Registration No. 56336-16		
CHEMICAL FAMILY:	Unsaturated Ester		
SECTION II - COMPONENTS			
PRINCIPAL COMPONENT(S)	CAS NO.	CHEMICAL FORMULA	
(E)-5-Decen-1-yl Acetate	38421-90-8	C <sub>12</sub> H <sub>22</sub> O <sub>2</sub>	
(E)-5-Decen-1-ol	56578-18-8	C <sub>10</sub> H <sub>20</sub> O	
None of the ingredients of this material meet the definition of "Hazardous Chemical" given in OSHA Hazard Communication Regulation 29 CFR 1910.1200(c). The information on this form is furnished as a customer service.			
SECTION III - PHYSICAL DATA			
BOILING POINT (°C)	Not applicable for dispenser. 60.3°C for pheromone.	MELTING POINT	Not applicable for dispenser. N/A for pheromone, liquid.
VAPOR PRESSURE (mm Hg)	Not applicable for dispenser. 0.07674 mm Hg for pheromone.	VAPOR DENSITY (AIR = 1)	Not applicable for dispenser. Not established for pheromone.
SOLUBILITY IN WATER	Not applicable for dispenser. Low solubility for pheromone.	MOLECULAR WEIGHT	Not applicable for dispenser. 354 for pheromone blend.
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	Not applicable for dispenser. 0.8766±0.0003 for pheromone.	APPEARANCE AND ODOR	White/black solid dispenser; waxy fruity odor.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (Method Used)	FLAMMABLE LIMITS (% by Volume in Air)	LEL	UEL
93°C for pheromones.	Not established	Not established	Not established
EXTINGUISHING MEDIA:	Dry Chemical, Foam, Carbon Dioxide (CO <sub>2</sub> )		
SPECIAL FIRE FIGHTING PROCEDURES:	Evacuate area of all unnecessary personnel. Use standard fire fighting procedures.		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Carbon oxides formed when burned.		

**SECTION V - HEALTH HAZARD DATA****TOXICITY DATA**For Pheromone Ingredient:

LD <sub>50</sub> , Oral, Rat:	> 5050 mg/kg
LD <sub>50</sub> , Dermal, Rabbit:	> 2050 mg/kg
LC <sub>50</sub> , Intratracheal, Rat	Equal to > 2 mg/L
Eye Irritation, Rabbit:	Slightly irritating.
Skin Irritation, Rabbit:	Moderately irritating.
Ames Mutation Assay:	Non-mutagenic with and without microsomal activation.

**EFFECTS OF OVEREXPOSURE**

EYE CONTACT:	Minimally irritating. Avoid contact with eyes.
SKIN CONTACT:	Moderately irritating. Avoid contact with skin.
INHALATION:	Avoid breathing vapors.
INGESTION:	Product form negates ingestion.
CHRONIC:	Long-term studies on the concentrated active ingredient have not been done, however, no adverse effects expected from normal use and formulation of products.

**EMERGENCY AND FIRST AID PROCEDURES**

**EYE CONTACT:** Flush eyes with water. If irritation develops, call a physician.

**SKIN CONTACT:** Wash with soap and water. If irritation develops, call a physician.

**INHALATION:** Remove to fresh air. If breathing becomes labored, give oxygen. If illness or adverse symptoms develop, call a physician.

**INGESTION:** Product form negates ingestion.

**RECOMMENDED EXPOSURE LIMITS:** None established.

**LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA:** No.

**OTHER HEALTH EFFECTS:** No known adverse effects expected.

**HEALTH HAZARD CATEGORIES:** EPA Toxicity Category: III - CAUTION.

**SECTION VI - REACTIVITY DATA**

**STABILITY:** Stable.

**INCOMPATIBILITY:** Strong oxidizing agents and oxygen.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon oxides formed when burned.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION VII - SPILL OR LEAK PROCEDURE**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Large spills can be swept up. Protect from ignition. Keep out of water sources and sewers. See dispenser disposal below.

**ENVIRONMENTAL HAZARDS/WASTE DISPOSAL:**

Used dispensers should be wrapped in newspaper, placed in garbage bags and discarded. Do not reuse box or bag containers. Discard in trash. Dispose of in accordance with local, state, and federal regulations.

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not generally required.

PROTECTIVE GLOVES: Not generally required.

EYE PROTECTION: Not generally required.

OTHER PROTECTIVE EQUIPMENT: Not generally required.

VENTILATION: Mechanical (general). Use adequate ventilation.

NOTE: Personal protection information provided in this Section is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

### SECTION IX - SPECIAL PRECAUTIONS

#### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE, ETC.

Avoid skin and eye contact. Avoid breathing vapors. Store in cool, well-ventilated area. Protect from ignition. Wash hands after handling. Do not allow product to contaminate water sources, food or feed.

### SECTION X - REGULATORY INFORMATION

Suterra LLC is unaware of any local, state or federal regulations which define the active ingredient as hazardous.

As of the preparation date, this product did not contain a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

While this information and recommendations set forth are believed to be accurate as of the date hereof, Suterra LLC makes no warranty with respect hereto and disclaims all liability from reliance thereon.

Date: 11/19/01

Supersedes: 01/30/98

Contact: Richard W. Fresh, Regulatory Affairs, Suterra LLC

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