

## MATERIAL SAFETY DATA SHEET

BEEMASTER, INC.  
11358 N Mandarin Ln  
TUCSON, AZ 85719

Emergency Numbers:  
Phone: (520) 906-4108  
Fax: None  
E-mail: beemaster@dakotacom.net

### **SECTION 1 - MATERIAL IDENTIFICATION**

PRODUCT NAME: Nasonov Pheromone  
SYNONYMS: N/A  
CAS # N/A  
UN # N/A  
RTECS#: N/A

PRODUCT NUMBERS: SL-03, SL-06, SL-12  
FORMULA: N/A

### **SECTION 2 - COMPONENTS**

<u>Ingredients</u>	<u>% W/W</u>	<u>CAS or UN #</u>	<u>TLV</u>	<u>HAZARD</u>	<u>LD<sub>50</sub>/LC<sub>50</sub></u>
Citral	33.3	5392-40-5	N/A	Irritant	4960 mg/kg Rat Oral 2250 mg/kg Rabbit Skin
Geraniol	33.3	106-24-1	N/A	Irritant	3600 mg/kg Rat Oral >5 gm/kg Rabbit Skin
Geranic Acid	33.3	459-80-3	N/A	Irritant	3700 mg/kg Rat Oral 4000 mg/kg Mouse Oral 1750 mg/kg Rabbit Skin

Only selected RTECS data presented here. See actual entry for complete details.

### **SECTION 3 - PHYSICAL DATA FOR MATERIAL**

APPEARANCE: Yellow to Orange liquid  
ODOR DESCRIPTION: Citrus  
VAPOR PRESSURE (25.6 C, mm Hg): N/A  
VAPOR DENSITY (AIR = 1): N/A  
SPECIFIC GRAVITY @ 25°C (WATER = 1): N/A

SOLUBILITY IN WATER: N/A  
BOILING POINT: N/A  
% VOLATILES: 100  
FREEZING POINT: N/A

### **SECTION 4 - FIRE & EXPLOSION HAZARD OF MATERIAL**

FLASH POINT (CC): N/A  
EXTINGUISHING MEDIA: CO<sub>2</sub>, dry chemical powder, alcohol or polymer foam. If water must be used, it should be as a spray only.  
UNUSUAL FIRE & EXPLOSION HAZARD: Emits toxic fumes under fire conditions.  
HAZARDOUS COMBUSTION PRODUCTS: CO, CO<sub>2</sub>.  
FLAMABLE LIMITS - LOWER EXPLOSION LIMIT: N/A      UPPER EXPLOSION LIMIT: N/A  
AUTOIGNITION TEMP: N/A  
SENSITIVE TO MECHANICAL IMPACT: N/A  
SENSITIVE TO STATIC DISCHARGE: N/A

### **SECTION 5 - REACTIVITY DATA**

STABILITY: Stable  
CONDITIONS TO AVOID: Sources of ignition  
MATERIALS TO AVOID: Strong oxidizing agents, Strong acids, Strong bases  
HAZARDOUS POLYMERIZATION: No

### **SECTION 6 - PREVENTIVE MEASURES**

RESPIRATORY PROTECTION: Use an approved organic vapor respirator.  
 VENTILATION: General mechanical ventilation  
 PROTECTIVE GLOVES: Hydrocarbon resistant.  
 EYE PROTECTION: Splash-proof safety glasses or goggles  
 OTHER PROTECTIVE EQUIPMENT: Safety shower, eye wash  
 SPILL OR LEAK PROCEDURES: Contain spilled material. Remove sources of ignition. Wear self-contained breathing apparatus, rubber boots and gloves. Cover with carbon absorbent, dry lime or soda ash and place in closed container.  
 WASTE DISPOSAL METHOD: Incineration or sanitary landfill in accordance with local, provincial/state and federal regulations.  
 HANDLING PROCEDURES: **DO NOT BREATHE VAPORS**, get in eyes or on skin. Wash thoroughly after handling.  
 STORAGE REQUIREMENTS: Store in tightly closed container in a cool, dry place. Keep from heat, sparks or flame.

#### **SECTION 7 - HEALTH HAZARD & FIRST AID MEASURES**

Carcinogen __	Mutagen __	Teratogen __
Reproductive Toxin __	Synergist __	Not Fully Investigated <u>x</u>

SKIN: Flush contaminated area with water for at least 20 minutes. If irritation occurs, seek medical attention.

EYE: Immediately flush eyes with water for at least 20 minutes, holding the eyelids open. Seek medical attention immediately.

INHALATION: Remove to fresh air. Artificial respiration should be given if breathing has stopped and cardiopulmonary resuscitation if the heart has stopped. Oxygen may be given if necessary. Seek medical attention immediately.

INGESTION: If conscious, have victim drink water or milk to dilute material in stomach. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Seek medical attention immediately.

PRIMARY ROUTE OF ENTRY: Ingestion, inhalation or skin absorption.

EFFECT OF ACUTE EXPOSURE: N/A

EFFECT OF CHRONIC EXPOSURE: N/A

PREPARATION DATE: Nov 12, 1997

ADDITIONAL INFORMATION: Combustible liquid.

SOURCES USED: RTECS, ALDRICH MSDS, CRC, MERCK INDEX