

Schultz Co.  
P. O. Box 4406  
St. Louis, MO 63044-0406

**Hazardous Material Identification System – (HMIS)**

HEALTH – 1      REACTIVITY – 0

FLAMMABILITY – 0      PERSONAL –

# Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

<b>I Trade Name:</b> Garden Safe Brand Insect Repellent			
<b>Product Type:</b> Insect Repellent			
<b>Product Item Number:</b> 419		<b>Formula Code Number:</b> 21-0675	
<b>EPA Registration Number</b>	<b>Manufacturer</b>		<b>Emergency Telephone Numbers</b>
N/A	Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114		<b>For Chemical Emergency:</b> 1-800-633-2873 <b>For Information:</b> 1-800-257-3379 <b>Prepared by:</b> C. A. Duckworth <b>Date Prepared:</b> January 13, 2003
<b>II Hazards Ingredient/Identity Information</b>		<b>III Physical and Chemical Characteristics</b>	
<b>Chemical</b>	<b>%</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Oil of Citronella CAS #8000-29-1	7.50	NE	NE
<b>Appearance &amp; Odor:</b> White opaque emulsion, citronella fragrance		<b>Boiling Point:</b> >200 °F	
<b>Melting Point:</b> NA		<b>Vapor Pressure:</b> NA	
<b>Specific Gravity:</b> 0.99 (H <sub>2</sub> O = 1)		<b>Solubility in Water:</b> Greater than 90%	
<b>Solubility in Water:</b> Greater than 90%		<b>Evaporation Rate:</b> Less than 1 (Butyl Acetate = 1)	
<b>Evaporation Rate:</b> Less than 1 (Butyl Acetate = 1)		<b>PH</b> 5.0-6.0	
<b>PH</b> 5.0-6.0		<b>Vapor Density:</b> Greater than 1 (Air = 1)	
<b>Vapor Density:</b> Greater than 1 (Air = 1)		<b>% Volatile:</b> 95%	
<b>% Volatile:</b> 95%			
<b>IV Fire and Explosive Hazards Data</b>		<b>V Reactivity Data</b>	
<b>Flash Point:</b> >200° F (TCC)		<b>Stability:</b> Stable	
<b>Flame Extension:</b> NA		<b>Polymerization:</b> Will not occur	
<b>Flammable Limits:</b> NA		<b>Conditions to Avoid:</b> Temperatures over 130° F	
<b>Autoignition Temperature:</b> NA		<b>Incompatible Materials:</b> NA	
<b>Fire Extinguishing Media:</b> Water fog, Carbon dioxide, Dry chemical		<b>Hazardous Decomposition or Byproducts:</b> Carbon dioxide, carbon monoxide	
<b>Decomposition Temperature:</b> NA			
<b>Special Fire-Fighting Procedures:</b> None			
<b>Unusual Fire &amp; Explosion Hazards:</b> None Also see Section V.			
<b>VI Health Hazard Data</b>		<b>VII Precautions for Safe Handling and Use</b>	
<b>Eye Contact:</b> Avoid contact with eyes. <b>First Aid:</b> Wash gently and thoroughly with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. If irritation persists, consult a physician. Have the product label with you when consulting a doctor.		<b>Steps to be Taken in Case Material is Released or Spilled:</b> Avoid breathing vapors. Avoid contact with liquid. Remove ignition sources. Soak up spills with absorbent material.	
<b>Special Notes:</b> None		<b>Waste Disposal:</b> Discard empty container in recycling bin or trash.	
<b>Health conditions Aggravated by Exposure:</b> None known		<b>Handling &amp; Storage Precautions:</b> Do not store where temperatures can exceed 130° F.	
<b>Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:</b> None			
<b>VIII Control Measures</b>		<b>IX Transportation Data</b>	
Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.		<b>DOT Shipping Name:</b> Insect Repellent <b>DOT Hazard Class:</b> None	

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.