

# MATERIAL SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION OR PRODUCT

Manufacturer's Name and Address:  
Dr. T's Nature Products, Inc.  
PO Box 682, 2658 US Hwy 19 North  
Pelham, GA 31779  
Emergency Telephone Number: 1-800-299-6288  
Product Name: Whole Control  
Chemical Name and Synonyms: Castor Oil  
Formula: 100% Castor Oil  
Formula Weight: 00  
CAS Number: 8001-79-4  
NIOSH/RTECS Number: FI4100000  
Common Synonyms: Ricinus Oil  
Product Codes: 1518  
Effective: March 24, 1986  
Revised: October 12, 1999  
Use: Burrowing Animal Repellent  
Precautionary Labeling Baker SAF-T-DATA (TM)  
System: Health – 1 Slight, Flammability – 1 Slight,  
Reactivity – 0 None, Contact – 1 Slight  
Hazard ratings are 0 to 4 (0= No hazard; 4= Extreme hazard)  
Laboratory protective equipment: Safety glasses;  
lab coat.  
Precautionary Label Statements: During use avoid  
contact with eyes, skin, and clothing.  
Component Percentage: Castor Oil 100%

## SECTION 2: PHYSICAL DATA

Boiling Point: 313 Degree C (595 F)  
Vapor Pressure (MM HG): N/A  
Melting Point: -10 C (14 F)  
Vapor Density (Air=1): N/A  
Specific Gravity: 0.96  
Evaporation Rate: N/A (H20=1)  
(BUTYL ACETATE = 1)  
Solubility (H20): Negligible (Less than 0.1%)  
% Volatiles by Volume: 100  
Appearance and Odor: Pale Yellow Viscous Liquid

## SECTION 3: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Closed Cup): 235 C (455 F)  
Flammable Limits: Upper – N/A % Lower N/A %  
Fire Extinguishing Media: Use water spray, carbon dioxide, dry chemical or ordinary foam.  
Special Fire Fighting Procedures: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.  
Toxic Gases Produced: Carbon Monoxide, Carbon Dioxide

## SECTION 4: HEALTH HAZARD DATA

Carcinogenicity: NTP: No  
IARC: No  
ZLIST: No  
OSHA REG: No  
Effects of Overexposure: Contact may cause moderate eye irritation.  
Target Organs: None Specified

Medical Conditions Generally Aggravated by  
Exposure: None Identified  
Routes of Entry: None Indicated  
Emergency and First Aid Procedures:  
Eye Contact – Immediately flush with plenty water for at least 15 minutes. Get medical attention.

## SECTION 5: REACTIVITY DATA

Stability: Stable  
Hazardous Polymerization: Will not occur.  
Conditions to Avoid: Heating  
Compatibles: Strong oxidizing agents.  
Decomposition Products: Carbon monoxide, carbon dioxide.

## SECTION 6: SPILL AND DISPOSAL

Steps to be taken in the Event of a Spill or Discharge: Wear suitable protective clothing. Take up with sand or other non-combustible absorbent material and place into container for later disposal. Flush area with water.

Disposal Procedure: Dispose in accordance with applicable federal, state, and local environmental regulations.

## SECTION 7: PROTECTIVE EQUIPMENT

Ventilation: Use adequate general or local exhaust ventilation to keep vapor and mist levels as low as possible.  
Respiratory Protection: None required where adequate ventilation conditions exist. If airborne concentration is high, use an appropriate respirator or dust mask.  
Eye/Skin Protection: Safety goggles, uniform, apron, proper gloves are recommended.

## SECTION 8: STORAGE AND HANDLING PRECAUTIONS

SAF-T-DATA (TM) Storage Color Code: Orange (General Storage)  
Special Precautions: Keep container tightly closed. Suitable for any general chemical storage area.

## SECTION 9: TRANSPORTATION DATA AND ADDITIONAL INFORMATION

Domestic (DOT) Proper Shipping Name: Chemicals, NOS (Non-Regulated)  
International (IMO) Proper Shipping Name: Chemicals, NOS (Non-Regulated)