

# MATERIAL SAFETY DATA SHEET

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MSDS # 127504002

## RAID® EARTH OPTIONS ANT & ROACH KILLER

Date Issued: 09Aug2005

Supersedes: 10Nov2004

### US MANUFACTURER:

S.C. Johnson & Son, Inc.  
Phone: (800) 725-6737  
Racine, Wisconsin 53403-2236  
Emergency Phone: (888) 779-7920  
International Emergency Phone:  
(262) 886-1480

### CANADIAN MANUFACTURER:

S.C. Johnson and Son, Limited  
Phone: (800) 725-6737  
1 Webster Street  
Brantford, Ontario N3T 5R1  
Transportation Emergency:  
CANUTEC (collect) (613) 996-6666  
Poison Control: (888) 779-7920

HAZARD RATING	HMIS	HAZARD	NFPA	DISTRIBUTED IN CANADA BY:
4-Very High	2	Health	2	S.C. Johnson and Son, Limited
3-High	2	Flammability	2	Phone: (800) 725-6737
2-Moderate	0	Reactivity	0	1 Webster Street
1-Slight		Special		Brantford, Ontario N3T 5R1
0-Insignificant				

## SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... RAID® EARTH OPTIONS ANT & ROACH KILLER  
REASON FOR CHANGE..... No significant changes.  
PRODUCT USE..... Insecticide

## SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Eugenol.....	0.50	Not determined
2-Phenethyl propionate.....	1.25	Not established
Carbon dioxide.....	1-5	5000 ppm ACGIH TWA , 30000 ppm ACGIH STEL 10000 ppm OSHA TWA 30000 ppm OSHA STEL
Solvents.....	5-10	400 ppm OSHA/ACGIH TWA , 500 ppm OSHA/ACGIH STEL
Petroleum Distillates.....	75-100	100 ppm TWA (STODDARD SOLVENT)

## SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY..... Eye contact. Skin contact. Ingestion. Inhalation.  
EFFECTS OF ACUTE EXPOSURE:  
EYE..... May cause: Mild eye irritation.  
SKIN..... May cause: Moderate skin irritation.  
INHALATION..... None known.  
INGESTION..... Aspiration into the lungs may cause severe health effects.  
MEDICAL CONDITIONS..... None known.  
GENERALLY RECOGNIZED  
AS BEING AGGRAVATED  
BY EXPOSURE

## SECTION 4 - FIRST AID MEASURES

EYE CONTACT..... Rinse with plenty of water. If irritation persists, get medical attention.  
SKIN CONTACT..... Wash contaminated area with water and soap. If irritation persists, get medical attention.

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### SECTION 4 - FIRST AID MEASURES (continued)

INHALATION..... Remove to fresh air. If breathing is affected, get medical attention.  
INGESTION..... Do not induce vomiting! Seek immediate medical attention.

### SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT..... > 140°F (> 60°C) (TCC)  
FLAMMABLE LIMITS..... Not available.  
AUTOIGNITION..... Not available.  
TEMPERATURE  
EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.  
SPECIAL FIREFIGHTING... Fight fire from maximum distance or protected area. Cool and use  
PROCEDURES caution when approaching or handling fire-exposed containers.  
Fire fighters should wear self-contained breathing apparatus and protective clothing.  
UNUSUAL FIRE AND..... Aerosol product - Containers may rocket or explode in heat of  
EXPLOSION HAZARDS fire.

### SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN... Eliminate all ignition sources. Dike large spills. Absorb with  
CASE MATERIAL IS oil-dri or similar inert material. Sweep or scrape up and  
RELEASED OR SPILLED containerize.

### SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... CAUTION: Avoid contact with skin, eyes and clothing. Avoid  
INFORMATION breathing spray mist or vapors. Wash thoroughly after handling.  
Ventilate enclosed areas before returning. Do not apply to humans or animals. Avoid contact with food or drink. Remove plants, pets, birds and cover and turn off fish aquariums before spraying. FLAMMABLE: CONTENTS UNDER PRESSURE. Do not use near open fire, flames or heat. Do not puncture or incinerate. Exposure to temperatures above 130 F may cause bursting. Keep out of reach of children.  
OTHER HANDLING AND.... Wash thoroughly after handling. Keep out of reach of children.  
STORAGE CONDITIONS

### SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. If ventilation is adequate, respiratory protection not required.  
VENTILATION..... General room ventilation is normally adequate. Substantial amounts of mists/vapors can be controlled with local exhaust ventilation or respiratory protection.  
PROTECTIVE GLOVES..... If prolonged or repeated contact is possible: Any impervious material.  
EYE PROTECTION..... No special requirements under normal use conditions.  
OTHER PROTECTIVE..... No special requirements.  
MEASURES

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR..... Clear

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### ----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued) -----

PRODUCT STATE.....	Dispensed as a spray mist.
ODOR.....	Spicy
pH.....	Not available.
ODOR THRESHOLD.....	Not available.
SOLUBILITY IN WATER....	Negligible
SPECIFIC GRAVITY.....	0.79
(H2O=1)	
VAPOR DENSITY (AIR=1)..	Not available.
EVAPORATION RATE (BUTYL	Not applicable.
ACETATE=1)	
VAPOR PRESSURE (mm HG).	Not available.
BOILING POINT.....	Not available.
FREEZING POINT.....	Not applicable.
COEFFICIENT OF.....	Not available.
WATER/OIL	
PERCENT VOLATILE BY....	> 95
VOLUME (%)	
VOLATILE ORGANIC.....	6.5-7.5
COMPOUND (VOC)	
THEORETICAL VOC.....	Not available.
(LB/GAL)	

### ----- SECTION 10 - STABILITY AND REACTIVITY -----

STABILITY.....	Stable
STABILITY - CONDITIONS.	None known.
TO AVOID	
INCOMPATIBILITY.....	None known.
HAZARDOUS DECOMPOSITION	When exposed to fire: Produces normal products of combustion.
PRODUCTS	
HAZARDOUS.....	Will not occur.
POLYMERIZATION	
HAZARDOUS.....	Not applicable.
POLYMERIZATION -	
CONDITIONS TO AVOID	

### ----- SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3) -----

LD50 (ACUTE ORAL TOX)..	Not available.
LD50 (ACUTE DERMAL TOX)	Not available.
LC50 (ACUTE INHALATION.	Not applicable.
TOX)	
EFFECTS OF CHRONIC.....	None known.
EXPOSURE	
SENSITIZATION.....	None known.
CARCINOGENICITY.....	None known.
REPRODUCTIVE TOXICITY..	None known.
TERATOGENICITY.....	None known.
MUTAGENICITY.....	None known.

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### ----- SECTION 12 - ECOLOGICAL INFORMATION -----

ENVIRONMENTAL DATA..... Not available.

### ----- SECTION 13 - DISPOSAL CONSIDERATIONS -----

WASTE DISPOSAL..... If possible, recycle empty aerosol can to nearest steel  
INFORMATION recycling center. Use up package or give to someone who can.

### ----- SECTION 14 - TRANSPORTATION INFORMATION -----

US DOT INFORMATION..... Please refer to the Bill of Lading/receiving documents for  
up-to-date shipping information.  
CANADIAN SHIPPING NAME. RAID® EARTH OPTIONS ANT & ROACH KILLER  
TDG CLASSIFICATION..... Not applicable.  
PIN/NIP..... Not applicable.  
PACKING GROUP..... Not available.  
EXEMPTION NAME..... Not applicable.

### ----- SECTION 15 - REGULATORY INFORMATION -----

WHMIS CLASSIFICATION... Not applicable.

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic  
Substances Control Act (TSCA) Chemical Substance Inventory.

All ingredients in this product comply with the New Substances Notification requirements  
under the Canadian Environmental Protection Act (CEPA).

This product is not subject to the reporting requirements under California's Proposition 65.

### ----- SECTION 16 - OTHER INFORMATION -----

ADDITIONAL INFORMATION. NFPA 30B Level 3 Aerosol.  
EPA REGISTRATION #..... Not available.

### ----- PREPARATION INFORMATION -----

PREPARED BY..... Manufacturer's Technical Support Department. Refer to page 1  
(Manufacturer) for contact information.

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