

MATERIAL SAFETY DATA SHEET

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MSDS # 127386001

RAID® WITH GERMFIGHTER* ANT & ROACH KILLER

Date Issued: 13Jan2004

Supersedes: 13Aug2003

US MANUFACTURER:

S.C. Johnson & Son, Inc.
Phone: (800) 725-6737
Racine, Wisconsin 53403-2236
Emergency Phone: (866) 231-5406
International Emergency Phone:
(952) 852-4647

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: (866) 231-5406

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

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... RAID® WITH GERMFIGHTER* ANT & ROACH KILLER
REASON FOR CHANGE..... Bar (■) in the left margin denotes a revision from previous MSDS. Section 11.
PRODUCT USE..... Household: Insecticide

SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
-----	-----	-----
O-Phenylphenol.....	0.1	5 mg/m ³ SUPPLIER RECOMMENDED
Pyrethrins.....	0.1	5 mg/m ³ ACGIH/OSHA TWA
Piperonyl butoxide.....	0.25	NOT ESTABLISHED
Permethrin.....	0.2	NOT ESTABLISHED
Propellant.....	7-13	1000 ppm ACGIH/OSHA TWA
Solvents.....	20-30	100 ppm TWA (STODDARD SOLVENT)
Water.....	55-65	NOT ESTABLISHED

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: Moderate eye irritation.
SKIN..... May cause: Moderate skin irritation.
INHALATION..... None known.
INGESTION..... Harmful if swallowed. 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.

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SECTION 4 - FIRST AID MEASURES (continued)

SKIN CONTACT..... Wash contaminated area with water and soap. If irritation persists, get medical attention.
INHALATION..... Remove to fresh air. Administer artificial respiration, if needed. If breathing is affected, get medical attention.
INGESTION..... Do not induce vomiting! Contact nearest poison control center.

SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT..... < 20°F (< -7°C) (TCC) (propellant)
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. Rinse affected area thoroughly with water.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... CAUTION: Harmful if absorbed through skin. Harmful if swallowed.
INFORMATION Avoid breathing spray mist or vapors. Avoid contact with skin, eyes and clothing. 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. Keep out of reach of children. FLAMMABLE: CONTENTS UNDER PRESSURE. Do not puncture or incinerate. Do not store at temperatures above 120 °F (50 °C). Do not use near open fire, flames or heat.
OTHER HANDLING AND.... Store in a cool, dry place with adequate ventilation.
STORAGE CONDITIONS

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. No special requirements under normal use conditions.
VENTILATION..... General room ventilation is normally adequate. Substantial amounts of mists/vapors can be controlled with local exhaust ventilation or respiratory protection.
PROTECTIVE GLOVES..... No special requirements under normal use conditions.
EYE PROTECTION..... No special requirements under normal use conditions.
OTHER PROTECTIVE..... No special requirements.
MEASURES

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR..... Milky White

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

PRODUCT STATE.....	Dispensed as a spray mist.
ODOR.....	Hydrocarbon Solvent
pH.....	Not applicable.
ODOR THRESHOLD.....	Not available.
SOLUBILITY IN WATER....	Slight.
SPECIFIC GRAVITY.....	Not available.
(H2O=1)	
VISCOSITY.....	Not available
VAPOR DENSITY (AIR=1)..	Not available.
EVAPORATION RATE (BUTYL	Not available.
ACETATE=1)	
VAPOR PRESSURE (mm HG).	Not available.
BOILING POINT.....	Not available.
FREEZING POINT.....	Not available.
COEFFICIENT OF.....	Not available.
WATER/OIL	
PERCENT VOLATILE BY....	Not available.
VOLUME (%)	
VOLATILE ORGANIC.....	Not available.
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	Not applicable.
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)...	Greater than 5000 mg/kg (rats)
LD50 (ACUTE DERMAL TOX)	>5000 mg/kg.
LC50 (ACUTE INHALATION.	>2.09 mg/L.
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® WITH GERMFIGHTER* ANT & ROACH KILLER
TDG CLASSIFICATION..... Not applicable.
PIN/NIP..... Not applicable.
PACKING GROUP..... Not applicable.
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. Use as directed. NFPA 30B Level 1 Aerosol.
EPA REGISTRATION #..... 4822-479.

----- PREPARATION INFORMATION -----

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

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