

# MATERIAL SAFETY DATA SHEET

Page 1 of 4

MSDS # 21294

## RAID CONCENTRATED DEEP REACH FOGGER

Date Issued: 08May1997

Supersedes: New

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	4	Flammability	4	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 CONCENTRATED DEEP REACH FOGGER  
REASON FOR CHANGE..... New.  
PRODUCT USE..... Insecticide

### SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Cypermethrin (CAS# 52315-07-8).....	1-2	NOT ESTABLISHED
Isoparaffinic Hydrocarbon Solvent..... (CAS# 64742-47-8)	1-5	100 ppm TWA (STODDARD SOLVENT)
Ethanol (CAS# 64-17-5).....	7-13	1000 ppm ACGIH/OSHA TWA
Isobutane (CAS# 75-28-5).....	15-25	NOT ESTABLISHED
Propane (CAS# 74-98-6).....	25-35	1000 ppm OSHA PEL , 2500 ppm ACGIH TWA
Butane (CAS# 106-97-8).....	30-40	800 ppm ACGIH/OSHA TWA

### 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..... Prolonged or repeated contact may cause: Allergic reaction.  
Moderate skin irritation.  
INHALATION..... May cause: Irritation of the respiratory tract.  
INGESTION..... May be harmful if swallowed.  
MEDICAL CONDITIONS..... None known.  
GENERALLY RECOGNIZED  
AS BEING AGGRAVATED  
BY EXPOSURE

### SECTION 4 - FIRST AID MEASURES

EYE CONTACT..... Flush immediately with plenty of water for at least 15 to 20  
minutes. 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..... No special requirements.
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 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 fire.
EXPLOSION HAZARDS

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. Do not let spilled or leaking material enter watercourse. May be toxic to aquatic life.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... CAUTION: Harmful if absorbed through skin. Avoid contact with INFORMATION skin, eyes and clothing. Wash thoroughly after handling. Do not remain in enclosed areas after use. Ventilate enclosed areas before returning. Avoid contact with food or drink. CONTENTS UNDER PRESSURE. Do not use near open fire, flames or heat. Do not puncture or incinerate. Do not store at temperatures above 120 °F (50 °C). Do not smoke while using. Remove plants, pets, birds and cover and turn off fish aquariums before spraying.
OTHER HANDLING AND..... Keep out of reach of children.
STORAGE CONDITTONS

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. No special requirements under label recommended use directions.
VENTILATION..... Ventilate enclosed areas before returning.
PROTECTIVE GLOVES..... No special requirements under normal use conditions.
EYE PROTECTION..... Eye protection not required unless contact with undiluted product is possible.
OTHER PROTECTIVE..... If major exposure is possible to eyes/skin, wear/use appropriate MEASURES protective equipment.

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..... Characteristic
pH..... Not available.
SOLUBILITY IN WATER.... Negligible
SPECIFIC GRAVITY..... Not available.
(H2O=1)
VAPOR DENSITY (AIR=1).. Not available.
EVAPORATION RATE (BUTYL ACETATE=1) Not available.
VAPOR PRESSURE (mm HG). Not available.
BOILING POINT..... Not available.
FREEZING POINT..... Not available.
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 PRODUCTS When exposed to fire: Produces normal products of combustion.
HAZARDOUS..... Will not occur.
POLYMERIZATION
HAZARDOUS..... Not applicable.
POLYMERIZATION -
CONDITIONS TO AVOID

SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3)

EFFECTS OF CHRONIC..... None known.
EXPOSURE

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.

MATERIAL SAFETY DATA SHEET

Page 4 of 4

MSDS # 21294

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

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

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 #..... 4822-452

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

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

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