

MATERIAL SAFETY DATA SHEET

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MSDS # 126417001

RAID CONCENTRATED DEEP REACH FOGGER

Date Issued: 09Feb1998

Supersedes: 22Oct1997

S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236
Phone: (800) 428-4795
Emergency Phone:
(888) 779-7920

HAZARD RATING	HMIS	HAZARD	NFPA
4-Very High	2	Health	2
3-High	4	Flammability	4
2-Moderate	0	Reactivity	0
1-Slight		Special	
0-Insignificant			

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... RAID CONCENTRATED DEEP REACH FOGGER
REASON FOR CHANGE..... No significant changes.
PRODUCT USE..... Household: 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.
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.

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SECTION 5 - FIRE AND EXPLOSION INFORMATION (continued)

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. 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 CONDITIONS

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
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 Not available.
ACETATE=1)
VAPOR PRESSURE (mm HG). Not available.
BOILING POINT..... Not available.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued)

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 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)

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.

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.

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----- SECTION 16 - OTHER INFORMATION (continued) -----

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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