

Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1200



RAID® MAX™ BUG BARRIER

Version 1.2

Print Date 11/30/2009

Revision Date 11/19/2009

MSDS Number 350000013074
SITE_FORM Number
30000000000000010234.001

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Trade name : RAID® MAX™ BUG BARRIER

Use of the Substance/Mixture : Insecticide

Company : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236

Emergency telephone : 24 Hour Transport & Medical Emergency Phone (866) 231-5406
24 Hour International Emergency Phone (952) 852-4647

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance / Odor : translucent / viscous liquid / pleasant

Immediate Concerns

: Caution
Avoid contact with skin, eyes and clothing.

Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : May cause:
Mild eye irritation

Skin : May cause transient tingling and reddening of the skin.

Inhalation : May cause nose, throat, and lung irritation.

Ingestion : May cause irritation to mouth, throat and stomach.

Aggravated Medical Condition : Persons with pre-existing skin disorders may be more susceptible to irritating effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Water	7732-18-5	60.00 - 100.00
Deltamethrin	52918-63-5	0.03

4. FIRST AID MEASURES

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Eye contact	: Flush immediately with plenty of water for at least 15 to 20 minutes. Get medical attention if irritation develops and persists.
Skin contact	: Wash off with soap and water. Get medical attention if irritation develops and persists.
Inhalation	: Remove to fresh air. If breathing is affected, get medical attention.
Ingestion	: Drink 1 or 2 glasses of water. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Alcohol foam, carbon dioxide, dry chemical, water fog
Specific hazards during fire fighting	: Container may melt and leak in heat of fire.
Further information	: Wear full protective clothing and positive pressure self-contained breathing apparatus. Standard procedure for chemical fires.
Flash point	: Note: not applicable
Lower explosion limit	: Note: no data available
Upper explosion limit	: Note: no data available

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions	: Use appropriate containment to avoid environmental contamination.
Methods for cleaning up	: Dike large spills. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling

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Advice on safe handling : Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Avoid contact with skin, eyes and clothing.

Storage

Requirements for storage : Keep in a dry, cool and well-ventilated place.
areas and containers

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

Personal protective equipment

Respiratory protection

Industrial setting : Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.

Household setting : No personal respiratory protective equipment normally required.

Hand protection

Industrial setting : For prolonged or repeated contact use protective gloves.

Household setting : not required under normal use

Eye protection

Industrial setting : If prolonged or repeated contact is possible:
Safety glasses with side-shields

Household setting : No special requirements.

Hygiene measures : Use only with adequate ventilation. Wash thoroughly after handling. Wear suitable protective clothing. Keep away from food, drink and animal feedingstuffs.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : viscous
liquid

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Color	:	translucent
Odor	:	pleasant
pH	:	5.4 at 23.2 °C
Boiling point	:	no data available
Freezing point	:	32 °F
Flash point	:	not applicable
Flammability (solid, gas)	:	Does not sustain combustion.
Autoignition temperature	:	no data available
Lower explosion limit	:	no data available
Upper explosion limit	:	no data available
Density	:	8.3 lb/gal at 21 °C
Water solubility	:	completely soluble
Viscosity, dynamic	:	750 cps at 25 °C
Volatile Organic Compounds (California Air Resource Board – CARB) Total VOC (wt. %)	:	0 % - does not include any applicable regulatory exemptions

10. STABILITY AND REACTIVITY

Conditions to avoid	:	Heat, flames and sparks.
Materials to avoid	:	Oxidizing agents Acids
Hazardous decomposition products	:	Stable under recommended storage conditions. When exposed to fire, produces normal products of combustion.
Hazardous reactions	:	Stable

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11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50
> 5,050 mg/kg

Acute inhalation toxicity : LC50
> 3.10 mg/l

Acute dermal toxicity : LD50
> 5,050 mg/kg

Chronic effects

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive effects : no data available

Teratogenicity : no data available

Sensitisation : Substance is not a sensitizer.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects : Very toxic to bees.Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Industrial setting : Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.

Household setting : Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

Land transport

- U.S. DOT and Canadian TDG Surface Transportation:

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UN-Number: None.
Proper shipping name: not regulated
Class: None.
Packaging group: None.

Sea transport

■ *IMDG:*
UN-Number: None.
Packaging group: None.
Proper shipping name: not regulated
Class: None.

Air transport

■ *ICAO/IATA:*
Class: None.
Packaging group: None.
Proper shipping name: not regulated
UN/ID No.: None.

15. REGULATORY INFORMATION

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

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

Registration # / Agency
4822-561/EPA

16. OTHER INFORMATION

HMIS Ratings

Health	1
Flammability	0
Reactivity	0

NFPA Ratings

Health	1
Fire	0
Reactivity	0

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Special

Further information

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