

Material Safety Data Sheet

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



RAID MAX® BUG BARRIER

Version 3.0

Print Date 02/26/2013

Revision Date 08/20/2012

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 number : 24 Hour Medical Emergency Phone: (866)231-5406
24 Hour International Emergency Phone: (703)527-3887
24 Hour Transport Emergency Phone: (800)424-9300

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 skin reactions in rare cases.
May cause transient tingling and reddening of the skin.

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

Ingestion : May cause abdominal discomfort.

Aggravated Medical Condition : None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by OSHA 29 CFR 1910.1200 or the Canadian Controlled Products Regulations are listed in this table:

Material Safety Data Sheet

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



RAID MAX® BUG BARRIER

Version 3.0

Print Date 02/26/2013

Revision Date 08/20/2012

MSDS Number 350000013074
SITE_FORM Number
300000000000000010234.001

Chemical Name	CAS-No.	Weight percent
Deltamethrin	52918-63-5	0.0001 - 0.10

For additional information on product ingredients, see www.whatsinsidescjohnson.com.

4. FIRST AID MEASURES

- 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.
- Ingestion : Rinse mouth with water.

5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during firefighting : Container may melt and leak in heat of fire. Do not allow run-off from fire fighting to enter drains or water courses.
- Further information : Fight fire from maximum distance or protected area. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.
- Flash point : Note: not applicable
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Wear personal protective equipment.
- Environmental precautions : Do not flush into surface water or sanitary sewer system. Use appropriate containment to avoid environmental contamination.

Material Safety Data Sheet

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



RAID MAX® BUG BARRIER

Version 3.0

Print Date 02/26/2013

Revision Date 08/20/2012

MSDS Number 3500000013074

SITE_FORM Number

300000000000000010234.001

Methods for cleaning up : Outside of normal use, avoid release to the environment.
: Soak up with inert absorbent material.
: Sweep up and shovel into suitable containers for disposal.
: Dike large spills.
: Clean residue from spill site.

7. HANDLING AND STORAGE

Handling

Advice on safe handling : Do not enter places where used or stored until adequately ventilated.
: Use only as directed.
: KEEP OUT OF REACH OF CHILDREN AND PETS.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Storage

Requirements for storage areas and containers : Keep away from food, drink and animal feedingstuffs.
: Keep container closed when not in use.
: Keep in a dry, cool and well-ventilated place.

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 : Do not spray in enclosed areas.

Hand protection : No special requirements.

Eye protection : No special requirements.

Skin and body protection : No special requirements.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

Material Safety Data Sheet

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



RAID MAX® BUG BARRIER

Version 3.0

Print Date 02/26/2013

Revision Date 08/20/2012

MSDS Number 3500000013074
SITE_FORM Number
300000000000000010234.001

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	viscous liquid
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.
Auto-ignition 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 Total VOC (wt. %)*	:	0 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations

10. STABILITY AND REACTIVITY

Conditions to avoid	:	Direct sources of heat.
Materials to avoid	:	Oxidizing agents Acids
Hazardous decomposition products	:	Thermal decomposition can lead to release of irritating gases and vapours.

Material Safety Data Sheet

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



RAID MAX® BUG BARRIER

Version 3.0

Print Date 02/26/2013

Revision Date 08/20/2012

MSDS Number 350000013074
SITE_FORM Number
30000000000000010234.001

Hazardous reactions : Stable under recommended storage conditions.

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 : None Anticipated

Mutagenicity : None Anticipated

Reproductive effects : None Anticipated

Teratogenicity : None Anticipated

Sensitisation : Substances is not a sensitizer.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects : Very toxic to bees.

13. DISPOSAL CONSIDERATIONS

PESTICIDAL WASTE:

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

Consumer may discard empty container in trash, or recycle where facilities exist.

Material Safety Data Sheet

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



RAID MAX® BUG BARRIER

Version 3.0

Print Date 02/26/2013

Revision Date 08/20/2012

MSDS Number 350000013074
SITE_FORM Number
300000000000000010234.001

14. TRANSPORT INFORMATION

Land transport

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

Proper shipping name UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S (Deltamethrin), 9, III , LTD QTY

Class: 9

UN number 3082

Packaging group: III

Note: Limited quantities derogation may be applicable to this product,
please check transport documents.

Sea transport

- IMDG:

Proper shipping name UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S (Deltamethrin), 9, III , LTD QTY

Class: 9

UN number: 3082

Packaging group: III

EmS: F-A, S-F

Note: Limited quantities derogation may be applicable to this product,
please check transport documents.

Air transport

- ICAO/IATA:

Proper shipping name UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S (Deltamethrin), 9, III , LTD QTY

Class: 9

UN/ID No.: UN 3082

Packaging group: III

Note: SC Johnson typically does not ship products via air. Refer to
IATA/ICAO Dangerous Goods Regulations for detailed instructions
when shipping this item by air.

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/US/EPA

Material Safety Data Sheet

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



RAID MAX® BUG BARRIER

Version 3.0

Print Date 02/26/2013

Revision Date 08/20/2012

MSDS Number 350000013074
SITE_FORM Number
300000000000000010234.001

16. OTHER INFORMATION

HMIS Ratings

Health	1
Flammability	0
Reactivity	0

NFPA Ratings

Health	1
Fire	0
Reactivity	0
Special	-

Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

Prepared by:	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
--------------	--