

# Material Safety Data Sheet

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



## RAID MAX® ROACH KILLER 7

Version 1.0

Print Date 05/02/2011

Revision Date 04/27/2011

MSDS Number 350000004528

SITE\_FORM Number

30000000000000008187.001

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : RAID MAX® ROACH KILLER 7

Use of the Substance/Mixture : Insecticide

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

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

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance / Odor : opaque / aerosol / solvent-like

#### Immediate Concerns

: Caution  
Avoid contact with skin, eyes and clothing.  
Keep away from heat, sparks and flame.  
Contents under pressure.  
Do not puncture or incinerate.  
Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.  
May be harmful if swallowed.

#### Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : May irritate eyes.

Skin : May cause skin reactions in rare cases.  
Prolonged or repeated contact may dry skin and cause irritation.  
May cause transient tingling and reddening of the skin.

Inhalation : Excessive exposures may affect human health, as follows:  
Inhalation may cause central nervous system effects.

Ingestion : May cause irritation to mouth, throat and stomach.  
May cause abdominal discomfort.  
Aspiration hazard if swallowed - can enter lungs and cause damage.

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

### 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:

| Chemical Name                               | CAS-No.    | Weight percent |
|---------------------------------------------|------------|----------------|
| Distillates (petroleum), hydrotreated light | 64742-47-8 | 10.00 - 30.00  |
| Isobutane                                   | 75-28-5    | 5.00 - 10.00   |
| Propane                                     | 74-98-6    | 1.00 - 5.00    |
| Aromatic petroleum solvent                  | 64742-95-6 | 1.00 - 5.00    |
| Imiprothrin                                 | 72963-72-5 | 0.10 - 1.00    |
| Deltamethrin                                | 52918-63-5 | 0.00 - 0.10    |

For additional information on product ingredients, see [www.whatsinsidescjohnson.com](http://www.whatsinsidescjohnson.com).

### 4. FIRST AID MEASURES

Eye contact : Flush immediately with plenty of water for at least 15 to 20 minutes. Remove contact lenses. Get medical attention if irritation develops and persists.

Skin contact : Rinse with plenty of water. Get medical attention if irritation develops and persists.

Inhalation : Remove to fresh air. If breathing is affected, get medical attention.

Ingestion : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards during fire fighting : Aerosol Product - Containers may rocket or explode in heat of fire. Container may melt and leak in heat of fire. Do not allow

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run-off from fire fighting to enter drains or water courses.

Further information : Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

Flash point : < -7 °C  
< 19.4 °F  
Method: Tag Closed Cup (TCC)  
Note: Propellant

Lower explosion limit : Note: no data available

Upper explosion limit : Note: no data available

#### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Remove all sources of ignition.  
Wear personal protective equipment.

Environmental precautions : Do not flush into surface water or sanitary sewer system.  
Use appropriate containment to avoid environmental contamination.  
Outside of normal use, avoid release to the environment.

Methods for cleaning up : Soak up with inert absorbent material.  
If damage occurs to aerosol can:  
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).  
Sweep up and shovel into suitable containers for disposal.  
Use only non-sparking equipment.  
Dike large spills.  
Clean residue from spill site.

#### 7. HANDLING AND STORAGE

##### Handling

Advice on safe handling : Do not puncture or incinerate.  
Do not enter places where used or stored until adequately ventilated.  
Avoid breathing vapors, mist or gas.  
Do not spray toward face.

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Do not use in areas without adequate ventilation.  
Use only as directed.  
KEEP OUT OF REACH OF CHILDREN AND PETS.

Advice on protection : Keep away from heat and sources of ignition.  
against fire and explosion

### Storage

Requirements for storage : Keep away from food, drink and animal feedingstuffs.  
areas and containers Do not store at temperatures above 120 Deg. F (50 Deg C), as  
container may burst.  
Keep in a dry, cool and well-ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

| Components                                        | CAS-No.    | mg/m3       | ppm       | Non-<br>standard<br>units | Basis        |
|---------------------------------------------------|------------|-------------|-----------|---------------------------|--------------|
| Distillates<br>(petroleum),<br>hydrotreated light | 64742-47-8 | 1,200 mg/m3 | 152 ppm   | -                         | SUPPLIER     |
| Isobutane                                         | 75-28-5    | -           | 1,000 ppm | -                         | ACGIH<br>TWA |
| Propane                                           | 74-98-6    | 1,800 mg/m3 | 1,000 ppm | -                         | OSHA TWA     |
| Propane                                           | 74-98-6    | -           | 1,000 ppm | -                         | ACGIH<br>TWA |

### Personal protective equipment

#### Respiratory protection

Industrial setting : Do not spray in enclosed areas.  
Substantial amounts of mist/vapors can be controlled with  
local exhaust ventilation or respiratory protection.

Household setting : Use only with adequate ventilation.

**Hand protection** : No special requirements.

#### Eye protection

Industrial setting : No special requirements.

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Household setting : Avoid contact with eyes.

**Skin and body protection** : No special requirements.

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

### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                      |                                                                      |
|------------------------------------------------------|----------------------------------------------------------------------|
| Form                                                 | : aerosol                                                            |
| Color                                                | : opaque                                                             |
| Odor                                                 | : solvent-like                                                       |
| pH                                                   | : not applicable                                                     |
| Boiling point                                        | : no data available                                                  |
| Freezing point                                       | : no data available                                                  |
| Flash point                                          | : < -7 °C<br>< 19.4 °F<br>Method: Tag Closed Cup (TCC)<br>Propellant |
| Evaporation rate                                     | : no data available                                                  |
| Autoignition temperature                             | : no data available                                                  |
| Lower explosion limit                                | : no data available                                                  |
| Upper explosion limit                                | : no data available                                                  |
| Vapour pressure                                      | : no data available                                                  |
| Density                                              | : 0.92 g/cm3                                                         |
| Water solubility                                     | : negligible                                                         |
| Partition coefficient: n-octanol/water               | : no data available                                                  |
| Viscosity, dynamic                                   | : not applicable                                                     |
| Volatile Organic Compounds (California Air Resource) | : 12.5 % - does not include any applicable regulatory exemptions     |

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Board – CARB)  
Total VOC (wt. %)

#### 10. STABILITY AND REACTIVITY

- |                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| Conditions to avoid              | : Heat, flames and sparks.                                                   |
| Materials to avoid               | : Strong oxidizing agents                                                    |
| Hazardous decomposition products | : Thermal decomposition can lead to release of irritating gases and vapours. |
| Hazardous reactions              | : Stable under recommended storage conditions.                               |

#### 11. TOXICOLOGICAL INFORMATION

- |                           |                                      |
|---------------------------|--------------------------------------|
| Acute oral toxicity       | : LD50<br>estimated<br>> 5,000 mg/kg |
| Acute inhalation toxicity | : LC50<br>estimated<br>> 2 mg/l      |
| Acute dermal toxicity     | : LD50<br>estimated<br>> 2,000 mg/kg |
| <b>Chronic effects</b>    |                                      |
| Carcinogenicity           | : no data available                  |
| Mutagenicity              | : no data available                  |
| Reproductive effects      | : no data available                  |
| Teratogenicity            | : no data available                  |
| Sensitisation             | : Not known to be a sensitizer.      |

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### 12. ECOLOGICAL INFORMATION

Ecotoxicity effects : no data available

### 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.

RCRA waste class : D001 (Ignitable Waste)

### 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

### 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**  
4822-518/EPA

### 16. OTHER INFORMATION

#### HMIS Ratings

|              |   |
|--------------|---|
| Health       | 1 |
| Flammability | 4 |
| Reactivity   | 0 |

#### NFPA Ratings

|            |   |
|------------|---|
| Health     | 1 |
| Fire       | 4 |
| Reactivity | 0 |

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### Special

#### Further information

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