

# Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1226



## RAID® ANT KILLER 16 - UNSCENTED

Version 1.0

Print Date 03/04/2011

Revision Date 04/11/2008

MSDS Number 350000009774

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : RAID® ANT KILLER 16 - UNSCENTED

Use of the Substance/Preparation : 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 : clear / aerosol / Characteristic Odour

#### Immediate Concerns

: Caution  
CONTENTS UNDER PRESSURE. Do not puncture or incinerate. Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst. Keep away from heat, sparks and flame. Avoid contact with skin, eyes and clothing.

#### Potential Health Effects

Routes of exposure : Eye, Skin, Inhalation, Ingestion.

Eyes : May cause: Mild eye irritation

Skin : May be harmful if absorbed through skin.

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

Ingestion : May be harmful if swallowed. May cause: Abdominal discomfort.

Aggravated Medical Condition : None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight %
Deionized Water	7732-18-5	50.00 - 60.00
DISTILLATES (PETROLEUM),	64742-47-8	10.00 - 30.00

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HYDROTREATED LIGHT		
PROPANE	74-98-6	5.00 - 10.00
ISOBUTANE	75-28-5	5.00 - 10.00
Isopropanol	67-63-0	1.00 - 5.00
PIPERONYL BUTOXIDE	51-03-6	0.10 - 1.00
PERMETHRIN	52645-53-1	0.10 - 1.00
PYRETHRINS	8003-34-7	0.10 - 1.00

### 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 : Flush immediately with plenty of water for at least 15 to 20 minutes.  
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.  
Drink 1 or 2 glasses of water.  
Never give anything by mouth to an unconscious person.  
Get medical attention immediately.

### 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Alcohol foam, carbon dioxide, dry chemical, water fog
- Specific hazards during fire fighting : Material may burn in heat of fire.
- Further information : Aerosol Product - Containers may rocket or explode in heat of fire.  
Cool and use caution when approaching or handling fire-exposed containers.  
Wear full protective clothing and positive pressure self-contained breathing apparatus.  
Fight fire from maximum distance or protected area.
- Flash point : < 20 °F  
Method: Tag Closed Cup (TCC)  
Note: Propellant

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Lower explosion limit : Note: no data available

Upper explosion limit : Note: no data available

NFPA Classification : NFPA Level 1 Aerosol

#### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Remove all sources of ignition.

Environmental precautions : Use appropriate containment to avoid environmental contamination.

Methods for cleaning up : Soak up with inert absorbent material.  
Sweep up and shovel into suitable containers for disposal.

#### 7. HANDLING AND STORAGE

##### Handling

Advice on safe handling : Do not puncture or incinerate.  
Keep away from heat, sparks and flame.  
Avoid contact with skin, eyes and clothing.  
KEEP OUT OF REACH OF CHILDREN AND PETS.

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

##### Storage

Requirements for storage areas and containers : Keep in a dry, cool and well-ventilated place.  
Keep container closed when not in use.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits

Components	CAS-No.	mg/m <sup>3</sup>	ppm	Basis
PROPANE	74-98-6		1,000 ppm	ACGIH TWA
		1,800 mg/m <sup>3</sup>	1,000 ppm	OSHA TWA
ISOBUTANE	75-28-5		1,000 ppm	ACGIH TWA

#### Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection : For prolonged or repeated contact use protective gloves.
- Eye protection : No special requirements.
- Hygiene measures : Use only with adequate ventilation.  
Wash thoroughly after handling.  
Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : aerosol
- Color : clear
- Odor : Characteristic Odour
- pH : not applicable
- Boiling point : no data available
- Flash point : < 20 °F  
Method: Tag Closed Cup (TCC)  
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- Evaporation rate : no data available

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Autoignition temperature : no data available  
Lower explosion limit : no data available  
Upper explosion limit : no data available  
Density : ca.0.893 g/cm<sup>3</sup>  
at 21.1 °C  
Water solubility : negligible

#### 10. STABILITY AND REACTIVITY

Conditions to avoid : Heat, flames and sparks.  
Materials to avoid : Do not mix with oxidizing agents.  
Hazardous decomposition products : When exposed to fire, produces normal products of combustion.  
Hazardous reactions : Stable

#### 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 rat  
Dose: estimated > 5,000 mg/kg  
Acute inhalation toxicity : LC50 rat  
Dose: > 5.0 mg/l  
Acute dermal toxicity : LD50 rabbit  
Dose: estimated > 2,000 mg/kg

##### Chronic effects

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

Not Available

#### 13. DISPOSAL CONSIDERATIONS

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

#### 14. TRANSPORT INFORMATION

##### Land transport

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

UN-Number 1950  
Proper shipping name Aerosols, flammable  
Class: 2.1  
Packaging group: None.

Note: SC Johnson ships this product as Consumer Commodity ORM-D (non-bulk packages)

##### Sea transport

###### IMDG:

Class: 2.1  
Packaging group: None.  
Proper shipping name Aerosols, flammable  
UN-Number: 1950  
ADR/RID-Labels: None.

Note: SC Johnson ships this product as "Limited Quantity" when the container quantity value is 1 Liter or less.

##### Air transport

###### ICAO/IATA:

Class: 2.1  
Packaging group: None.  
Proper shipping name Aerosols, flammable  
UN/ID No.: UN 1950  
ADR/RID-Labels: None.

Note: SC Johnson typically does not ship products via air, therefore it has not been determined if the product container meets current

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IATA/ICAO package criteria. Refer to IATA/ICAO Dangerous Goods Regulations for detailed instructions when shipping this item by air.

### 15. REGULATORY INFORMATION

#### Global Chemical Inventories

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.

EPA Registration Number : 4822-473

### 16. OTHER INFORMATION

#### HMIS Ratings

Health	1
Flammability	4
Reactivity	0

#### NFPA Ratings

Health	1
Fire	4
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.

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