

Material Safety Data Sheet

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



RAID® ANT KILLER 16 - UNSCENTED

Version 1.

Print Date 06/23/2008

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/m3	ppm	Basis
PROPANE	74-98-6		1,000 ppm	ACGIH TWA
		1,800 mg/m3	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
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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 ³ 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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Regulatory Affairs (GSARA)