

Material Safety Data Sheet

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



RAID® ANT KILLER LIQUID (REG NO 18449 P.C.P. ACT)

Version 3.0

Print Date 02/02/2015

Revision Date 10/20/2014

MSDS Number 350000011542

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Trade name : RAID® ANT KILLER LIQUID (REG NO 18449 P.C.P. ACT)

Use of the Substance/Mixture : Insecticide

Company : S.C. Johnson and Son, Limited
1 Webster Street
Brantford ON N3T 5R1

Emergency telephone number : 24 Hour Transport & Medical Emergency Phone (866) 231-5406
24 Hour International Emergency Phone (952) 852-4647
24 Hour Canadian Transport Emergency Phone (CANUTEC) (613) 996-6666

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance / Odor : yellow / liquid / characteristic

Immediate Concerns : Avoid contact with skin, eyes and clothing.

Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : None known.

Skin : May cause skin irritation.

Inhalation : No adverse effects expected when used as directed.

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

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
Sucrose	57-50-1	30.00 - 60.00

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Honey	Mixture	10.00 - 30.00
Borax	1303-96-4	5.00 - 10.00

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

4. FIRST AID MEASURES

- Eye contact : Remove contact lenses. 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 immediately with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash clothing before reuse. Thoroughly clean shoes before reuse.
- Inhalation : No special requirements
- 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. 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: No data available
- 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.

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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.
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 : Avoid contact with skin, eyes and clothing.
Do not enter places where used or stored until adequately ventilated.
For personal protection see section 8.
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

Components	CAS-No.	mg/m ³	ppm	Non-standard units	Basis
Sucrose	57-50-1	10 mg/m ³	-	-	ACGIH TWA
Borax	1303-96-4	6 mg/m ³	-	-	ACGIH STEL
Borax	1303-96-4	2 mg/m ³	-	-	ACGIH TWA

Personal protective equipment

Respiratory protection No personal respiratory protective equipment normally required.

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Hand protection	:	If prolonged or repeated contact is possible: Wear suitable gloves.
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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	liquid
Color	:	yellow
Odor	:	characteristic
pH	:	4.0 - 5.0
Melting point	:	No data available
Boiling point	:	No data available
Freezing point	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Auto-ignition temperature	:	No data available
Lower explosion limit	:	No data available
Upper explosion limit	:	No data available
Vapour pressure	:	No data available
Density	:	1.23 - 1.25 g/cm ³
Water solubility	:	completely soluble
Partition coefficient: n-octanol/water	:	No data available

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10. STABILITY AND REACTIVITY

- Conditions to avoid : Direct sources of heat.
- Materials to avoid : None known.
- 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
Calculated
4,294 mg/kg

Acute inhalation toxicity : LC50
Calculated
2.00 mg/l

Acute dermal toxicity : LD50
Calculated
9,853 mg/kg

Chronic effects

Carcinogenicity : No data available

Mutagenicity : None Anticipated

Reproductive effects : No data available

Teratogenicity : No data available

Sensitisation : No data available

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12. ECOLOGICAL INFORMATION

Ecotoxicity effects : No data available

13. DISPOSAL CONSIDERATIONS

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.

14. TRANSPORT INFORMATION

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

Land transport

U.S. DOT and Canadian TDG Surface Transportation:

Proper shipping name not regulated
Class: None.
UN/ID No.: None.
Packaging group None.

Sea transport

IMDG:

Proper shipping name not regulated
Class: None.
UN/ID No.: None.
Packaging group None.

Air transport

ICAO/IATA:

Proper shipping name not regulated
Class: None.
UN/ID No.: None.
Packaging group None.

15. REGULATORY INFORMATION

Notification status : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

California Prop. 65 :
: This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products

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Regulations.

16. OTHER INFORMATION

HMIS Ratings

Health	1
Flammability	0
Reactivity	0

NFPA Ratings

Health	1
Fire	0
Reactivity	0
Special	-

This information is being provided in accordance with Occupational Safety and Health Administration (OSHA) and Canada's Workplace Hazard Material Information System (WHMIS) regulations. The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

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)
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