

Material Safety Data Sheet

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



RAID® WASP & HORNET BUG KILLER 6 (REG. NO. 28686 P.C.P. ACT)

Version 1.0

Print Date 05/13/2011

Revision Date 06/16/2009

MSDS Number 350000009682

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

- Trade name : RAID® WASP & HORNET BUG KILLER 6 (REG. NO. 28686 P.C.P. ACT)
- Use of the Substance/Preparation Company : Insecticide
S.C. Johnson and Son, Limited
1 Webster Street
Brantford ON N3T 5R1
- Emergency telephone : 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 : colourless / aerosol / hydrocarbon-like

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. May be harmful if swallowed. May be harmful if absorbed through skin. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas.

Potential Health Effects

- Routes of exposure : Eye, Skin, Inhalation, Ingestion.
- Eyes : May cause:
Mild eye irritation
- Skin : Moderate skin irritant
- Inhalation : May cause nose, throat, and lung irritation.
- Ingestion : Aspiration hazard if swallowed - can enter lungs and cause damage.
- Aggravated Medical Condition : Persons with pre-existing skin disorders may be more susceptible to irritating effects.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight %
Distillates (petroleum), hydrotreated light	64742-47-8	60.00 - 100.00
Carbon dioxide	124-38-9	1.00 - 5.00
Permethrin	52645-53-1	0.20
Tetramethrin	7696-12-0	0.20

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. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Alcohol foam, carbon dioxide, dry chemical, water fog,
- Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Further information : Aerosol Product - Containers may rocket or explode in heat of fire. 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.
- Flash point : 206 °F
Method: Tag Closed Cup (TCC)
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available

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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 : KEEP OUT OF REACH OF CHILDREN AND PETS.
Avoid prolonged or repeated breathing of vapor.
Avoid contact with skin, eyes and clothing.
Do not puncture or incinerate.
Use only as directed.

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

Storage

- Requirements for storage areas and containers : Keep container closed when not in use.
Keep in a dry, cool and well-ventilated place.
Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Basis
Carbon dioxide	124-38-9	-	30,000 ppm	ACGIH STEL
Carbon dioxide	124-38-9	-	5,000 ppm	ACGIH TWA

Personal protective equipment

Respiratory protection

- Industrial setting : Substantial amounts of mist/vapors can be controlled with

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local exhaust ventilation or respiratory protection.

Household setting : No personal respiratory protective equipment normally required.

Hand protection

Industrial setting : For prolonged or repeated contact use protective gloves.

Household setting : not required under normal use

Eye protection

Industrial setting : If prolonged or repeated contact is possible:
Safety glasses with side-shields

Household setting : No special requirements.

Hygiene measures

: Use only with adequate ventilation. Wash thoroughly after handling. Keep away from food, drink and animal feedingstuffs.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	aerosol
Color	:	colourless
Odor	:	hydrocarbon-like
pH	:	not applicable
Boiling point	:	no data available
Freezing point	:	no data available
Flash point	:	206 °F Method: Tag Closed Cup (TCC)
Autoignition temperature	:	no data available
Lower explosion limit	:	no data available
Upper explosion limit	:	no data available
Vapour pressure	:	no data available

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Water solubility	:	immiscible
Partition coefficient: n-octanol/water	:	no data available
Viscosity, kinematic	:	no data available
Specific Gravity	:	0.79

10. STABILITY AND REACTIVITY

Conditions to avoid	:	Heat, flames and sparks. Direct sources of heat.
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: > 2.0 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 : Harmful to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

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

Household setting : Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

Land transport

▪ **U.S. DOT and Canadian TDG Surface Transportation:**

UN-Number 1950
Proper shipping name Aerosols, non-flammable
Class: 2.2
Packaging group: None.

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

Sea transport

▪ **IMDG:**
Class: 2.2
Packaging group: None.
Proper shipping name Aerosols, non-flammable
UN-Number: 1950

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

Air transport

▪ **ICAO/IATA:**
Class: 2.2
Packaging group: None.
Proper shipping name Aerosols, non-flammable
UN/ID No.: UN 1950

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Note: SC Johnson typically does not ship products via air, therefore it has not been determined if the product container meets current 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 comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

California Prop. 65 : This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

: 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 Regulations.

16. OTHER INFORMATION

HMIS Ratings

Health	2
Flammability	1
Reactivity	0

NFPA Ratings

Health	2
Fire	1

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Reactivity	0
Special	

Further information

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