

Material Safety Data Sheet

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



EARTH OPTIONS BY RAID® - ROSE & FLOWER INSECT SPRAY

Version 1.1

Print Date 03/04/2011

Revision Date 10/20/2009

MSDS Number 350000012539

SITE_FORM Number
3000000000000009909.001

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Trade name : EARTH OPTIONS BY RAID® - ROSE & FLOWER INSECT SPRAY

Use of the Substance/Mixture : 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 : white / liquid / mild

Immediate Concerns

: Caution
COMBUSTIBLE:
Avoid contact with skin, eyes and clothing. Keep away from heat, sparks and flame.

Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : May cause:
Mild eye irritation

Skin : May cause skin reactions in rare cases.

Inhalation : None known.

Ingestion : None known.

Aggravated Medical Condition : None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Water	7732-18-5	60.00 - 100.00
Canola oil	120962-03-	1.00

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	0	
Pyrethrins	8003-34-7	0.01

4. FIRST AID MEASURES

- Eye contact : Rinse with plenty of water. 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 : Do NOT induce vomiting. 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 : Container may melt and leak in heat of fire.
- Further information : Wear full protective clothing and positive pressure self-contained breathing apparatus.
- Flash point : > 48 °C
- Flash point : > 118 °F
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Material can create slippery conditions. Remove all sources of ignition.
- Environmental precautions : Use appropriate containment to avoid environmental contamination.

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

7. HANDLING AND STORAGE

Handling

Advice on safe handling : Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Avoid contact with skin, eyes and clothing.
Avoid breathing vapors, mist or gas.

Advice on protection against fire and explosion : Keep away from heat and sources of ignition.
To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded.

Storage

Requirements for storage areas and containers : Keep in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

Personal protective equipment

Respiratory protection

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

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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. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Keep away from food, drink and animal feedingstuffs.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color : white

Odor : mild

pH : 5.5

Boiling point : no data available

Flash point : > 48 °C

Flash point : > 118 °F

Lower explosion limit : no data available

Upper explosion limit : no data available

Density : 1.0 g/cm³

Water solubility : emulsifiable

Volatile Organic Compounds : 0 % - does not include any applicable regulatory
(California Air Resource Board – CARB) exemptions
Total VOC (wt. %)

10. STABILITY AND REACTIVITY

Conditions to avoid : Direct sources of heat.

Materials to avoid : Strong bases

Hazardous decomposition : no data available

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products
Hazardous reactions : Stable

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50
Measured
> 5,000 mg/kg

Acute inhalation toxicity : LC50
Measured
> 2.36 mg/l

Acute dermal toxicity : LD50
Measured
> 5,000 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.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects : Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

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

Household setting : Dispose of in accordance with local regulations.

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14. TRANSPORT INFORMATION

Land transport

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

UN-Number 1993
Proper shipping name Flammable Liquid, N.O.S.
Class: 3
Packaging group: III

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

Sea transport

▪ *IMDG:*

Class: 3
Packaging group: III
Proper shipping name Flammable Liquid, N.O.S.
UN-Number: 1993

Air transport

▪ *ICAO/IATA:*

Class: 3
Packaging group: III
Proper shipping name Flammable Liquid, N.O.S.
UN/ID No.: UN 1993

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

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 does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

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Registration # / Agency
67702-6-4822/EPA

16. OTHER INFORMATION

HMS Ratings

Health	1
Flammability	2
Reactivity	0

NFPA Ratings

Health	1
Fire	2
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.

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