

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**RAID® FUMIGATOR FUMIGATING FOGGER**

Version 1.2

Print Date 03/04/2015

Revision Date 02/23/2015

SDS Number 350000011336

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product information**

- Product name** : RAID® FUMIGATOR FUMIGATING FOGGER
- Recommended use** : Insecticide
- Manufacturer, importer, supplier** : S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236
- Telephone** : +18005585252
- Emergency telephone number** : 24 Hour Medical Emergency Phone: (866)231-5406  
24 Hour International Emergency Phone: (703)527-3887  
24 Hour Transport Emergency Phone: (800)424-9300

**2. HAZARDS IDENTIFICATION**

**Classification of the substance or mixture**

**Globally Harmonized System (GHS) Classification**

Hazard classification	Hazard category	Hazards identification
Acute toxicity	Category 4	Harmful if swallowed.

**Labelling**

**Hazard symbols**  
Exclamation mark

**Signal word**  
Warning

**Hazard statements**  
Harmful if swallowed.

**Precautionary statements**

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read label before use.
- IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
- Rinse mouth.
- Dispose of contents/ container to an approved incineration plant.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.

**Other hazards** : None identified

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No.	Weight percent
Calcium oxide	1305-78-8	60.00 - 100.00
Magnesium oxide	1309-48-4	1.00 - 5.00

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

For additional information on product ingredients, see [www.whatsinsidescjohnson.com](http://www.whatsinsidescjohnson.com).

**4. FIRST AID MEASURES**

- Eye contact** : No special requirements
- Skin contact** : No special requirements
- Inhalation** : No special requirements.
- Ingestion** : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

**5. FIREFIGHTING MEASURES**

- Suitable extinguishing media** : Dry chemical
- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Extinguishing media which shall not be used for safety reasons** : Water Halons
- Specific hazards during firefighting** : 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

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breathe fumes.

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**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions** : Avoid breathing dust.  
Refer to protective measures listed in sections 7 and 8.
- Personal precautions** : Wear personal protective equipment.  
Wash thoroughly after handling.
- Environmental precautions** : Do not contaminate surface water.
- Environmental precautions** : Do not flush into surface water or sanitary sewer system.  
Use appropriate containment to avoid environmental contamination.  
Outside of normal use, avoid release to the environment.
- Methods and materials for containment and cleaning up** : Sweep up and shovel into suitable containers for disposal.  
Clean residue from spill site.

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**7. HANDLING AND STORAGE**

- Handling**
- Precautions for 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.**  
Do not eat, drink or smoke when using this product.  
Wash thoroughly after handling.
- 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 in a dry, cool and well-ventilated place.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Occupational Exposure Limits**

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Calcium oxide	1305-78-8	5 mg/m3	-	-	OSHA TWA
Calcium oxide	1305-78-8	2 mg/m3	-	-	ACGIH TWA
Magnesium oxide	1309-48-4	15 mg/m3	-	-	OSHA TWA
Magnesium oxide	1309-48-4	10 mg/m3	-	-	ACGIH TWA

**Personal protective equipment**

- Respiratory protection** : No personal respiratory protective equipment normally required.
- Hand protection** : not required under normal use
- 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. Smoking, eating and drinking should be prohibited in the application area.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Form** : pellets
- Color** : white
- Odor** : odourless
- Odour Threshold** : No data available

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**pH** : alkaline

**Melting point/freezing point** : No data available

**Initial boiling point and boiling range** : 2,850 °C

**Flash point** : Not applicable

**Evaporation rate** : Not applicable

**Flammability (solid, gas)** : No data available

**Upper/lower flammability or explosive limits** : No data available

**Vapour pressure** : Not applicable

**Vapour density** : No data available

**Relative density** : No data available

**Solubility(ies)** : soluble

**Partition coefficient: n-octanol/water** : No data available

**Auto-ignition temperature** : No data available

**Decomposition temperature** :

**Viscosity, dynamic** : No data available

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- Viscosity, kinematic** : No data available
  
- Oxidizing properties** : No data available
  
- Volatile Organic Compounds** : 0 % - additional exemptions may apply  
**Total VOC (wt. %)\*** \*as defined by US Federal and State Consumer Product Regulations
  
- Other information** : None identified :

**10. STABILITY AND REACTIVITY**

- Possibility of hazardous reactions** : Stable under recommended storage conditions.
  
- Conditions to avoid** : Direct sources of heat.
  
- Incompatible materials** : None known.
  
- Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

**11. TOXICOLOGICAL INFORMATION**

- Emergency Overview** : Warning
  
- Acute oral toxicity** : No data available
- Acute inhalation toxicity** : No data available
  
- Acute dermal toxicity** : No data available

GHS Properties	Classification	Routes of entry
Acute toxicity	Category 4	Oral
Skin corrosion/irritation	No classification proposed	-

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Serious eye damage/eye irritation	No classification proposed	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

**Aggravated Medical Condition** : None known.

**12. ECOLOGICAL INFORMATION**

**Product** : The product itself has not been tested.

**Toxicity**

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

**Toxicity to fish**

Components	End point	Species	Value	Exposure time
Calcium oxide	LC50 Read-across (Analogy)	Oncorhynchus mykiss (rainbow trout)	50.6 mg/l	96 h
Magnesium oxide	No data available			

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Calcium oxide	LC50 Read-across (Analogy)	Oncorhynchus mykiss (rainbow trout)	50.6 mg/l	96 h
Magnesium oxide	No data available			

**Toxicity to aquatic invertebrates**

Components	End point	Species	Value	Exposure time
Calcium oxide	EC50 Read-across (Analogy)	Daphnia magna (Water flea)	49.1 mg/l	48 h
Magnesium oxide	No data available			
Calcium oxide	EC50 Read-across (Analogy)	Daphnia magna (Water flea)	49.1 mg/l	48 h
Magnesium oxide	No data available			

**Toxicity to aquatic plants**

Components	End point	Species	Value	Exposure time
Calcium oxide	EC50 Read-across (Analogy)	Pseudokirchneriella subcapitata (green algae)	184.57 mg/l	72 h



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Magnesium oxide	No data available			
Calcium oxide	EC50 Read-across (Analogy)	Pseudokirchneriella subcapitata (green algae)	184.57 mg/l	72 h
Magnesium oxide	No data available			

### Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Calcium oxide	No data available		
Magnesium oxide	No data available		
Calcium oxide	No data available		
Magnesium oxide	No data available		

### Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Calcium oxide	No data available	No data available
Magnesium oxide	No data available	No data available
Calcium oxide	No data available	No data available
Magnesium oxide	No data available	No data available

### Mobility

Component	End point	Value
Calcium oxide	No data available	
Magnesium oxide	No data available	
Calcium oxide	No data available	
Magnesium oxide	No data available	

**Other adverse effects** : None known.

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**13. DISPOSAL CONSIDERATIONS**

**PESTICIDAL WASTE:**  
For disposal information, please read and follow Disposal instructions on the pesticide label.  
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	Sea transport	Air transport
<b>UN number</b>			
<b>UN proper shipping name</b>			
<b>Transport hazard class(es)</b>			
<b>Packing group</b>			
<b>Environmental hazards</b>	-		-
<b>Special precautions for user</b>	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.

**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** :

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

**16. OTHER INFORMATION**

**HMIS Ratings**

<b>Health</b>	2
<b>Flammability</b>	0
<b>Reactivity</b>	1

**NFPA Ratings**

<b>Health</b>	3
<b>Fire</b>	0
<b>Reactivity</b>	1
<b>Special</b>	-

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). 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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