

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**RAID® MAX NO MESS DRY FOGGER**

Version 2.0

Print Date 07/18/2018

Revision Date 03/20/2018

SDS Number 350000033580

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product information**

**Product name** : RAID® MAX NO MESS DRY FOGGER

**Recommended use** : Insecticide

**Restrictions on use** : Use only as directed on label

**Manufacturer, importer, supplier** : S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236

**Telephone** : +1-800-558-5252

**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**

<b>Hazard classification</b>	<b>Hazard category</b>	<b>Hazards identification</b>
Self-reactive substances and mixtures	Type E	Heating may cause a fire.

**Labelling**

**Hazard symbols**

Flame

**Signal word**

Warning

**Hazard statements**

Heating may cause a fire.

**Precautionary statements**

In case of fire: Use alcohol-resistant foam, carbon dioxide or dry sand to extinguish.

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Store in a well-ventilated place. Keep cool.  
Store away from other materials.  
Dispose of contents/ container to an approved incineration plant.  
Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
Keep/Store away from clothing/ combustible materials.  
Keep only in original container.  
Wear protective gloves.  
**Other hazards** : None identified

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Azodicarbonamide	123-77-3	60.00 - 100.00
Etofenprox	80844-07-1	5.00 - 10.00
Silica	7631-86-9	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

#### Description of first aid measures

**Eye contact** : No special requirements

**Skin contact** : No special requirements

**Inhalation** : No special requirements.

**Ingestion** : No special requirements

#### Most important symptoms and effects, both acute and delayed

**Eyes** : No adverse effects expected when used as directed.

**Skin effect** : No adverse effects expected when used as directed.

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- Inhalation : No adverse effects expected when used as directed.
- Ingestion : No adverse effects expected when used as directed.

**Indication of any immediate medical attention and special treatment needed**

See Description of first aid measures unless otherwise stated.

**5. FIREFIGHTING MEASURES**

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 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 breathe fumes.

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions** : Wear personal protective equipment.  
Wash thoroughly after handling.  
Wear protective gloves/ eye protection/ face protection.
- 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.

**7. HANDLING AND STORAGE**

**Handling**

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- 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.
- Advice on protection against fire and explosion** : Keep away from sources of ignition - No smoking.  
Keep away from combustible material.
- Storage**
- Requirements for storage areas and containers** : Keep away from food, drink and animal feedingstuffs.  
Store in a well-ventilated place. Keep cool.  
Protect from sunlight.  
Store away from other materials.  
Store in original container.
- Other data** : Stable under normal conditions.  
Keep in a dry place.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Occupational Exposure Limits**

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
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**Personal protective equipment**

- Respiratory protection** : No special requirements.
- Hand protection** : No special requirements.
- 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.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form</b>	: solid
<b>Color</b>	: yellow orange
<b>Odour</b>	: floral
<b>Odour Threshold</b>	: Test not applicable for this product type
<b>pH</b>	: Test not applicable for this product type
<b>Melting point/freezing point</b>	: Test not applicable for this product type
<b>Initial boiling point and boiling range</b>	: Test not applicable for this product type
<b>Flash point</b>	: Test not applicable for this product type
<b>Evaporation rate</b>	: Test not applicable for this product type
<b>Flammability (solid, gas)</b>	: Does not sustain combustion.
<b>Upper/lower flammability or explosive limits</b>	: Test not applicable for this product type
<b>Vapour pressure</b>	: Test not applicable for this product type
<b>Vapour density</b>	: Test not applicable for this product type
<b>Relative density</b>	: 1.7 g/cm <sup>3</sup> at 23 °C
<b>Solubility(ies)</b>	: slightly soluble

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<b>Partition coefficient: n-octanol/water</b>	: Test not applicable for this product type
<b>Auto-ignition temperature</b>	: Test not applicable for this product type
<b>Decomposition temperature</b>	: Decomposes on heating., Heating can release hazardous gases., Fire or intense heat may cause violent rupture of packages., Do not attempt to verify melting point; decomposition can be violent., Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke)., Ammonia gas may be liberated at high temperatures.
<b>Viscosity, dynamic</b>	: Test not applicable for this product type
<b>Viscosity, kinematic</b>	: Test not applicable for this product type
<b>Oxidizing properties</b>	: Test not applicable for this product type
<b>Volatile Organic Compounds Total VOC (wt. %)*</b>	: 0.1 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations
<b>Other information</b>	: None identified

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	: No dangerous reaction known under conditions of normal use.
<b>Chemical stability</b>	: Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	: Stable under recommended storage conditions.
<b>Conditions to avoid</b>	: Direct sources of heat.

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**Incompatible materials** : Strong oxidizing agents  
Strong acids and strong bases  
Reducing agents

**Incompatible materials** : Strong oxidizing agents

**Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

**11. TOXICOLOGICAL INFORMATION**

**Acute oral toxicity** : LD50 > 5000 mg/kg

**Acute inhalation toxicity** : LC50 > 10 mg/L

**Acute dermal toxicity** : LD50 587 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Gas
Skin corrosion/irritation	No classification proposed	-
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	-

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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
Azodicarbonamide	semi-static test EC50	Pimephales promelas (fathead minnow)	> 50 mg/l	96 h
Etofenprox	No data available			
Silica	static test LC50	Danio rerio (zebra fish)	5,000 mg/l	96 h

**Toxicity to aquatic invertebrates**

Components	End point	Species	Value	Exposure time
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Azodicarbonamide	EC50	Daphnia magna (Water flea)	11 mg/l	48 h
	semi-static test NOEC	Daphnia magna	2.89 mg/l	21 d
Etofenprox	No data available			
Silica	EC50	Ceriodaphnia dubia	7,600 mg/l	48 h

**Toxicity to aquatic plants**

Components	End point	Species	Value	Exposure time
Azodicarbonamide	static test EC50	Desmodesmus subspicatus (green algae)	> 36.1 mg/l	72 h
Etofenprox	No data available			
Silica	EC50	Selenastrum capricornutum, Skeletonema costatum	440 mg/l	72 h

**Persistence and degradability**

Component	Biodegradation	Exposure time	Summary
Azodicarbonamide	6 %	28 d	Not readily biodegradable.
Etofenprox	No data available		
Silica	No data available		

**Bioaccumulative potential**

Component	Bioconcentration	Partition Coefficient n-

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	<b>factor (BCF)</b>	<b>Octanol/water (log)</b>
Azodicarbonamide	No data available	-1.7
Etofenprox	No data available	No data available
Silica	No data available	0.53

**Mobility**

<b>Component</b>	<b>End point</b>	<b>Value</b>
Azodicarbonamide	log Koc	< 1.3
Etofenprox	No data available	
Silica	No data available	

**PBT and vPvB assessment**

<b>Component</b>	<b>Results</b>
Azodicarbonamide	Not fulfilling PBT and vPvB criteria
Silica	Not fulfilling PBT and vPvB criteria

**Other adverse effects** : None known.**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.

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	Land transport	Sea transport	Air transport
<b>UN number</b>	3242	3242	3242
<b>UN proper shipping name</b>	Azodicarbonamide Mixture, Marine Pollutant	Azodicarbonamide Mixture, Marine Pollutant	Azodicarbonamide Mixture, Marine Pollutant
<b>Transport hazard class(es)</b>	4.1	4.1	4.1
<b>Packing group</b>	II	II	-
<b>Environmental hazards</b>	-	Marine pollutant	-
<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.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

**15. REGULATORY INFORMATION****FIFRA Labeling**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

Following is the hazard information as required on the pesticide label:

**CAUTION:**

Causes moderate eye irritation.

Repeated exposure to Etofenprox can cause skin irritation.

When metal can comes in contact with the water, and for 30 minutes thereafter, the metal can will be hot.

**Notification status** : All ingredients of this product are listed or are excluded from

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listing on the U.S. Toxic Substances Control Act (TSCA)  
Chemical Substance Inventory.

**16. OTHER INFORMATION**

**HMIS Ratings**

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

**NFPA Ratings**

<b>Health</b>	1
<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**

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