

# SAFETY DATA SHEET

## MAGIC GERMICIDE

### SECTION 1: PRODUCT & COMPANY IDENTIFICATION

DATE: 02/13/2015 / Supersedes Revision: n/a

Product Name: MAGIC GERMICIDE  
ID Code: 4059

**Manufacturer:**  
PDQ Manufacturing, Inc.  
201 Victory Circle  
Ellijay, GA USA 30540  
Phone: (706) 636-1848  
Website: www.pdqonline.com

**Distributor:**  
OSCEOLA SUPPLY INC.  
P.O. BOX 13503  
TALLAHASSEE, FL 32317  
850/580-9800

**EMERGENCY CONTACT:** Chemtrec, Reference CCN203605  
Phone: (800) 424-9300 (collect calls accepted) / International: (703) 527-3887

### SECTION 2: HAZARD(S) IDENTIFICATION

**Corrosive To Metals, Category 1**  
**Acute Toxicity: Oral, Category 4**  
**Skin Corrosion/Irritation, Category 1B**  
**Serious Eye Damage/Eye Irritation, Category 1**  
**Aquatic Toxicity (Acute), Category 2**



**GHS Signal Word: DANGER**

**GHS Hazard Phrases:**

H290 - May be corrosive to metals.  
H302 - Harmful if swallowed. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do not induce vomiting.  
H314 - Causes severe skin burns and eye damage.  
H318 - Causes serious eye damage.  
H401 - Toxic to aquatic life.

**GHS Precaution Phrases:**

P234 - Keep only in original container.  
P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**GHS Response Phrases:**

P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician.  
P310 - Immediately call a POISON CENTER or doctor/physician.  
P330 - Rinse mouth.  
P363 - Wash contaminated clothing before reuse.  
P390 - Absorb spillage to prevent material damage.

**GHS Storage and Disposal Phrases:**

P405 - Store locked up.  
P501 - Unused product is not a RCRA Hazardous waste. However, contaminated product and wastes may be RCRA hazardous. Users are advised to determine the appropriate disposal method based on local, state and federal regulations and comply with those regulations.

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### Hazard Rating System:

**HMIS**

**Health: 2**  
**Flammability: 0**  
**Physical: 0**  
**PPE: B**

**NFPA**

**Health: 2**  
**Flammability: 0**  
**Instability: 0**  
**Special Hazard: N/A**

**Potential Health Effects (Acute and Chronic):** Harmful if swallowed. Causes severe skin burns and eye damage. Toxic to aquatic life.

**Inhalation:** Harmful if inhaled.

**Skin Contact:** Contact may cause burns to skin and eyes.

**Eye Contact:** Contact may cause burns to skin and eyes.

**Ingestion:** Harmful if swallowed. May cause irritation of the digestive tract.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
68424-85-1	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	1.6 -4.8 %
32426-11-2 1-	Decanaminium, N,N-Dimethyl-N-octyl-, chloride {Decyldimethyloctylammonium chloride}	0.8 -2.4 %
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	0.8 -2.4 %
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	0.8 -2.4 %
64-17-5	Ethyl alcohol {Ethanol}	0.5 -1.5 %

### SECTION 4: FIRST-AID MEASURES

**Emergency and First Aid Procedures:** Have the product container or label with you when calling a poison control center or doctor or going for medical treatment.

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**If haled:** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.

**Note to physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

### SECTION 5: FIRE-FIGHTING MEASURES

**Flash Point:** NP Method Used: Estimate

**Explosive Limits:** LEL: UEL:

**Autoignition Pt:** NA

**Suitable Extinguishing Media:** Water spray, fog or alcohol-resistant foam.

**Fire Fighting Instructions:** Containers can build up pressure if exposed to heat (fire). Runoff from fire control or dilution water may cause pollution. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

**Flammable Properties and Hazards:**

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Protective Precautions, Protective Equipment and Emergency Procedures:** For personal protection see section 8. Impervious gloves. Chemical safety goggles. Chemical resistant boots.

**Environmental Precautions:** Do not discharge directly into the environment or into the sewer system. Avoid spillage reaches watercourses and sewerage systems.

**Steps To Be Taken In Case Material Is Released Or Spilled:** Evacuate personnel to safe areas. Avoid contact with eyes, skin, and clothing.

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### SECTION 7: HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Harmful if swallowed or absorbed through the skin. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective gloves (rubber, chemical resistant) when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**Precautions To Be Taken in Storing:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Store in original container in areas inaccessible to children.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68424-85-	1 Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides			
32426-11-2 1	-Decanaminium, N,N-Dimethyl-N-octyl-, chloride {Decyldimethyloctylammonium chloride}			
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride			
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride			
64-17-5	Ethyl alcohol {Ethanol}	PEL: 1000 ppm	TLV: 1000 ppm	

**Respiratory Equipment (Specify Type):** Respirator protection is not normally required.

**Eye Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Protective Gloves:** Use of gloves is recommended.

**Other Protective Clothing:** Protective garments not normally required.

**Engineering Controls (Ventilation etc.):** Use with adequate ventilation. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels. Safety shower and eye bath.

**Work/Hygienic/Maintenance Practices:** Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before reuse.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid

**Appearance and Odor:** Clear, colorless liquid sweetish odor.

**Freezing Point:** ~ 0.00 C

**Boiling Point:** ~ 100.00 C

**Autoignition Pt:** NA

**Flash Pt:** NP Method Used: Estimate

**Explosive Limits:** LEL: UEL:

**Specific Gravity (Water = 1):** 0.979 - 0.999 at 20.0 C

**Vapor Pressure (vs. Air/mm Hg):** 17.5 MM\_HG at 20.0 C

**Vapor Density (vs. Air = 1):** NA

**Evaporation Rate:** ~ 1 (H2O=1)

**Solubility in Water:** Complete

**Viscosity:** Water thin

**pH:** 5.0 - 6.2

**Percent Volatile:** > 85.0 % by weight.

**VOC / Volume:** 0.0000 G/L

### SECTION 10: STABILITY AND REACTIVITY

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** Avoid contact with acids, reducing agents, oxidizers, nitrogen oxides, amines, ammonia or other nitrogen containing compounds.

**Incompatibility – Materials To Avoid:** Chlorine Bleach.

**Hazardous Decomposition Or Byproducts:** hydrogen chloride. Carbon dioxide, Carbon monoxide, nitrogen oxides.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid -Hazardous Reactions:**

### SECTION 11: TOXICOLOGICAL INFORMATION

**Toxicological Information:**

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	n.a.	n.a.	n.a.	n.a.
32426-11-2	1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride {Decyldimethyloctylammonium chloride}	n.a.	n.a.	n.a.	n.a.
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	n.a.	n.a.	n.a.	n.a.
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	n.a.	n.a.	n.a.	n.a.
64-17-5	Ethyl alcohol {Ethanol}	n.a.	1	A4	n.a.

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### SECTION 12: ECOLOGICAL INFORMATION

**General Ecological Information:** Toxic to aquatic life.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Do not reuse or refill this container. Wrap empty container and put in trash.

### SECTION 14: TRANSPORTATION INFORMATION (DOT/UN CLASSIFICATION)

#### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Disinfectants, liquid, corrosive n.o.s. (May be shipped as Disinfectants, liquid, corrosive n.o.s. Limited Quantity for shipments of less than 5 liters per container)

**DOT Hazard Class:** 8 CORROSIVE

**UN/NA Number:** UN1903

**LAND TRANSPORT (Canadian TDG):** III

**TDG Shipping Name:**



### SECTION 15: REGULATORY INFORMATION

#### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	No	No	No
32426-11-2	1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride {Decyldimethyloctylammonium chloride}	No	No	No
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	No	No	No
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	No	No	No
64-17-5	Ethyl alcohol {Ethanol}	No	No	No

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64-17-5	Ethyl alcohol {Ethanol}

#### Other US EPA or State Lists

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No  
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CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No  
CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

### SECTION 16: OTHER INFORMATION

**Revision Date:** 02/13/2015

**Preparer Name:** Regulatory Affairs

#### Additional Information About This Product:

EPA Reg. No. 6836-70-58880

EPA Est. No. 58880-GA-01

**Company Policy or Disclaimer:** The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.