



# MATERIAL SAFETY DATA SHEET

## Product or Chemical Name

### Surround® At Home® Crop Protectant

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Surround® At Home® Crop Protectant  
**IDENTIFICATION NUMBER:** 8072, 8073, 8074  
**USE OF THE PREPARATION:** Crop Protectant  
**MANUFACTURER:** Gardens Alive!®, Inc.  
**ADDRESS:** 5100 Schenley Place, Lawrenceburg, IN 47025  
**TELEPHONE NUMBER:** (812) 537-8665, Ext. 2285  
**ISSUE DATE:** October 8, 2003  
**For Chemical Emergency Call Chemtrec (24 hours):**  
**800-424-9300 (U.S., Canada, Puerto Rico, Virgin Islands)**  
**DISTRIBUTOR:** Gardens Alive!®, Inc.  
**ADDRESS:** 5100 Schenley Place, Lawrenceburg, IN 47025  
**TELEPHONE NUMBER:** (812) 537-8665, Ext. 2285

#### SECTION 2: HAZARDOUS INGREDIENTS

EPA Reg. No. 70060-1456872

NFPA HAZARD RATINGS	No.	0 Least
Health	0	1 Slight
Flammability	0	2 Moderate
Reactivity	0	3 High
		4 Severe

HMIS HAZARD RATINGS	No.	0 Least
Health	1	1 Slight
Flammability	0	2 Moderate
Reactivity	0	3 High
Possible chronic health effects		4 Severe

<u>Ingredient</u>	<u>Weight in Product %</u>	<u>Notes</u>
Mineral(s)	Not required	None
Trade Secret	Not required	None

<u>Ingredient</u>	<u>Weight in Product %</u>	<u>OSHA PEL:</u>	<u>ACGIH TLV:</u>
Minerals(s)	Not required	15mg/m <sup>3</sup> (Total Dust) 5 mg/m <sup>3</sup> (Respirable Fraction)	2 mg/m <sup>3</sup> (respirable Fraction)
Trade Secret	Not required	15 mg/m <sup>3</sup> (total Dust) 5 mg/m <sup>3</sup> (Respirable Fraction)	2 mg/m <sup>3</sup> (respirable Fraction)

Unless otherwise noted, all values are reported as 8 hour Time-Weighted Averages (TWAs) and total dust (particulates only). All ACGIH TVLs refer to the 2002 standards. Unless otherwise noted, all OSHA PELs refer to 29 CFR Part 1910 Air Contaminants: Final Rule June30, 1993.

#### SECTION 3: FIRST AID PROCEDURES

**Eyes:** In case contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.  
**Ingestion:** If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.  
**Skin:** Flush skin with large amounts of water. If irritation persists, get medical attention.  
**Inhalation:** Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.



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SECTION 4: HEALTH HAZARD INFORMATION	
<b>Potential Health Effects</b>	
<b>Inhalation:</b>	May cause irritation of the respiratory tract. Prolonged or repeated exposure may cause lung damage.
<b>Ingestion:</b>	No adverse health effects are expected from swallowing.
<b>Skin contact:</b>	May cause skin irritation.
<b>Eye Contact:</b>	Dust may cause irritation and inflammation.
<b>Most Important Hazards:</b>	Prolonged or repeated exposure may cause lung damage.
<b>Carcinogenicity</b>	
<b>NTP:</b>	
<b>Mineral(s):</b>	Not studied or probably not carcinogenic.
<b>Trade Secret:</b>	Not studied or probably not carcinogenic.
<b>IARC:</b>	
<b>Mineral(s):</b>	Not studied or probably not carcinogenic.
<b>Trade Secret:</b>	Not studied or probably not carcinogenic.
<b>OSHA:</b>	
<b>Mineral(s):</b>	Not studied or probably not carcinogenic.
<b>Trade Secret:</b>	Not studied or probably not carcinogenic.
<b>ACGIH:</b>	
<b>Mineral(s):</b>	Not classified as a human carcinogen.
<b>Trade Secret:</b>	Not classified as a human carcinogen.
<b>Chronic Health Hazards:</b>	Prolonged or repeated exposure may cause lung damage.
<b>Aggravated Medical Conditions:</b>	Pulmonary disorders. Allergies.
SECTION 5: FIRE & EXPLOSION DATA	
<b>Form:</b>	Powder
<b>Color:</b>	White
<b>Odor:</b>	Odorless
<b>Flash Point:</b>	Not applicable
<b>Specific Gravity:</b>	Min: 2
<b>Solubility in Water:</b>	Insoluble
<b>Auto Ignition Temperature:</b>	Not applicable
<b>Upper Explosive Limits (UEL):</b>	Not applicable
<b>Lower Explosive Limits (LEL):</b>	Not applicable
<b>Extinguishing Media:</b>	None. Does not burn. Use extinguishing media appropriate for surrounding fire.
<b>Fire Fighting Procedures:</b>	Positive pressure, self-contained breathing apparatus. Wear full protective clothing.
<b>Unusual Fire and Explosion Hazards:</b>	Not a fire or explosion hazard. See Stability and Reactivity below for more information.
<b>Stability:</b>	Stable
<b>Polymerization:</b>	None anticipated
<b>Incompatibilities (Materials to Avoid):</b>	None anticipated
<b>Hazardous Decomposition Products:</b>	None anticipated
<b>Conditions/Hazards to Avoid:</b>	None anticipated
SECTION 6: PERSONAL PROTECTION & PRECAUTIONS	
<b>Personal Protective Equipment:</b>	Safety glasses with side shields. Wear suitable gloves.
<b>Respiratory Protection:</b>	Use a NIOSHA/MSHA approved respirator as necessary to protect from dust. If respiratory protection is used follow requirements for respiratory programs set forth in OSHA Regulations (29 CFR 1910.134).
<b>Ventilation:</b>	General ventilation. Local exhaust ventilation is recommended to control exposure to within applicable limits.



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### SECTION 7: SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES

**Spill Procedures:** Scoop up or vacuum into a container for reclamation or disposal

**US EPA Waste Number:** Not regulated

**Disposal of Waste Method:** This product, if disposed as received, is a non-hazardous waste. Local disposal laws and regulation will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

#### TOXICOLOGICAL INFORMATION

**Information on Product:** No data available.

**Information on Components:**

<b>Ingredient</b>	<b>Weight in Product (%)</b>	<b>Acute Toxicity- Oral</b>	<b>Acute Toxicity- Inhalation</b>	<b>Acute Toxicity- Dermal</b>	<b>Acute Toxicity- Other</b>
Mineral(s)	Not required	>5000 mg/kg (rat)	Not available	Not available	Not available
Trade Secret	Not required	>5000 mg/kg (rat)	Not available	Not available	Not available

#### ECOLOGICAL INFORMATION

**Information on Product:**

**Environmental Fate:** No data available.

**Ecotoxicological Information:** No data available.

### SECTION 8: STORAGE & DISPOSAL

**Store in a cool dry place. Material may be slippery when wet. Avoid breathing dust. Avoid contact with eyes. Use with adequate ventilation.**

### SECTION 9: REGULATORY INFORMATION

**International Transport Regulations:**

UN/PIN Number: Not regulated

**US Transportation Regulations:**

DOT Classification: Not regulated

**Canadian Transportation of Dangerous Goods (TDG):**

TDG Classification: Not regulated

**International Inventories:**

**United States:** This product or its ingredients are listed on or compliant with the TSCA Inventory.

**Canada:** This product or its ingredients are listed on or compliant with the DSL.

**Europe:** Not determined

**Japan:** Not determined

**Australia:** This product or its ingredients are listed on or compliant with AICS.

**Korea:** Not determined

**Subject to SARA 313 Reporting:**

Mineral(s); No

Trade Secret: No

**Sara 311-312 Hazard Categories:**

Chronic Health Hazard

**CAA 602 Ozone Depleting Substances (ODS):**

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

**US State Regulations:**

**VOC Content (CARB):** None

**Canadian Regulations:**

**WHMIS Classification:** Not determined

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.



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### SECTION 9: REGULATORY INFORMATION (CONTINUED)

**Revision Number:** 6

Section(s) Revised      Section 2: Hazardous Ingredients  
                                    Section 6: Personal Protection and Precautions  
                                    Section 7: Section 9: Regulatory Information

**Prepared By:** Engelhard Corporate Environmental Health & Safety Group

**DISCLAIMER:** The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. By making the MSDS available, Gardens Alive!®, Inc. does not make any express or implied warranty (including any warranty of merchantability or fitness for a particular purpose) regarding the MSDS, its accuracy or the product to which it relates. Anyone using this information agrees that Gardens Alive! shall not be held liable (based on its negligence or otherwise) for any personal injury or other damage relating to, or arising from such use, including direct, incidental, or consequential damage and such user agrees to indemnify Gardens Alive!®, Inc. for any claims arising out of its use