



# MATERIAL SAFETY DATA SHEET

**SURROUND® WP CROP PROTECTANT**

Date of Issue: June 2012

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Surround® WP Crop Protectant  
**Other Names:** Surround WP  
**Product Code:** -  
**Recommended Use:** Crop Protectant  
**Supplier:** AgNova Technologies Pty Ltd  
**ACN / ABN:** 097 705 158  
**Address:** Suite 3/935 Station Street  
Box Hill North Vic 3129 Australia  
**Telephone:** (03) 9899 8100  
**Facsimile:** (03) 9899 8500  
**Website:** [www.agnova.com.au](http://www.agnova.com.au)  
**Contact:** Managing Director  
**Emergency Telephone Number:** 1800 033 111 (24 hours)

## 2. HAZARDS IDENTIFICATION

**Hazard Classification:** **NON HAZARDOUS SUBSTANCE – NON DANGEROUS GOOD**  
Not classified as hazardous according to criteria of NOHSC

**Risk Phrases:** None

**Safety Phrases:** None

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

<b>Ingredients:</b>	<b>CAS Number:</b>	<b>Concentration (g/kg):</b>
Mineral(s)	(non-hazardous)	950
Other non-hazardous ingredients	(non-hazardous)	Balance



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## 4. FIRST AID MEASURES

**If poisoning occurs, immediately contact a doctor or Poisons Information Centre (Telephone 13 11 26), and follow the advice given. Show this Material Safety Data Sheet to a doctor.**

- Ingestion:** If swallowed IMMEDIATELY contact a doctor or Poisons Information Centre (Telephone 13 11 26) and follow the advice given. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
- Inhalation:** Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
- Skin Contact:** Flush skin with large amounts of water. If irritation persists, get medical attention.
- Eye Contact:** In case of contact, immediately flush eyes with copious quantities of water for at least 15 minutes. If irritation persists, get medical attention.
- First Aid Facilities:** Provide washing facilities in the workplace.
- Symptoms:** Dust may cause irritation of lungs, eyes or skin. Prolonged or repeated exposure may cause lung damage.
- Medical Attention:** Treat symptomatically
- Aggravated Medical Conditions Caused by Exposure:** Pulmonary disorders. Allergies.

## 5. FIRE FIGHTING MEASURES

- Extinguishing Media:** None - does not burn. Use extinguishing media appropriate for surrounding fire.
- Hazards from Combustion Products:** Not applicable.
- Special Protective Precautions and Equipment for Fire Fighters:** Positive pressure, self-contained breathing apparatus. Wear full protective clothing.



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**Hazchem Code:** None allocated

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures:** No special environmental precautions required.

**Methods and Materials for Containment and Clean Up Procedures:** Sweep up or vacuum into a container for safe disposal.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with eyes.  
Avoid generating or breathing dust.  
Use with adequate ventilation.  
Material may be slippery when wet.

**Conditions for Safe Storage, including any Incompatibilities:** Store in a cool, dry place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National Exposure Standards:** 10 mg/m<sup>3</sup> TWA

**Biological Limit Values:** No biological limit allocated.

**Engineering Controls:** General ventilation. Local exhaust ventilation is recommended to avoid breathing dust and to control exposure to within applicable limits.

**Personal Protective Equipment (PPE):**  
*Eyes:* Safety glasses with side shields  
*Gloves:* Avoid contact with skin; wear suitable gloves.  
*Respiratory:* Use an approved respirator to protect from dust.  
*Other:* None.

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Appearance:</b>	White powder
<b>Odour:</b>	Odourless
<b>pH:</b>	No data available
<b>Vapour Pressure:</b>	No data available
<b>Vapour Density:</b>	No data available
<b>Boiling Point:</b>	No data available
<b>Freezing / Melting Point:</b>	Not applicable
<b>Solubility:</b>	Insoluble in water
<b>Density:</b>	2
<b>Flash Point:</b>	Not applicable
<b>Flammability (explosive) Limits:</b>	Not applicable
<b>Auto-Ignition Temperature:</b>	Not applicable
<b>Octanol/Water Partition Coefficient:</b>	No data available
<b>Particle Size:</b>	No data available

<b>10. STABILITY AND REACTIVITY</b>
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<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	None anticipated
<b>Incompatible Materials:</b>	None known
<b>Hazardous Decomposition Products:</b>	None anticipated
<b>Hazardous Reactions:</b>	None known



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## 11. TOXICOLOGICAL INFORMATION

### Health Effects from Likely Routes of Exposure:

- Ingestion:** No adverse health effects are expected from swallowing.
- Inhalation:** May cause irritation of the respiratory tract. Prolonged exposure may cause lung damage.
- Skin Contact:** May cause skin irritation.
- Eye Contact:** Dust may cause irritation and inflammation.
- Other:** No other known health effects.

### Animal Toxicity Data:

#### Acute:

- Oral Toxicity:** Acute oral, rat: LD<sub>50</sub> > 5,000 mg/kg (mineral)
- Dermal Toxicity:** No data available
- Inhalation Toxicity:** No data available
- Skin Irritation:** No data available
- Eye Irritation:** No data available
- Sensitisation:** No data available
- Chronic:** Prolonged or repeated exposure may cause lung damage.

## 12. ECOLOGICAL INFORMATION

- Ecotoxicity:** No data available
- Environmental Fate:** No data available
- Other Adverse Environmental Effects:** No data available



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## 13. DISPOSAL CONSIDERATIONS

**Disposal Methods:** This product is a non-hazardous waste.

**Special Precautions for Landfill or Incineration:** Empty containers must be handled according to local regulations.

## 14. TRANSPORT INFORMATION

**UN Number:** Not classified as a dangerous good.

**Proper Shipping Name:** Not classified as a dangerous good.

**Class and Subsidiary Risk:** Not classified as a dangerous good.

**Packing Group:** Not classified as a dangerous good.

**Special Precautions for User:** None

**Hazchem Code:** None allocated

**International:** Not classified as dangerous good by IMO for transport by sea or by ICAO for transport by air.

## 15. REGULATORY INFORMATION

**SUSMP:** No Poisons Schedule allocated

**APVMA:** Registration by APVMA is not required for sunburn control



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## 16. OTHER INFORMATION

**Date of Preparation or Revision:** June 2012.

**Data Sources:** Manufacturer product safety data and published data

**Abbreviations and Acronyms:**  
APVMA – Australian Pesticides and Veterinary Medicines Authority  
ICAO – International Civil Aviation Organization  
IMO – International Maritime Organisation  
NOHSC – National Occupational Health and Safety Commission  
SUSMP – Standard for the Uniform Scheduling of Medicines and Poisons  
TWA – Time Weighted Average = The time weighted average airborne concentrations over an eight -hour working day, for a five-day working week over an entire working life.

**Trademark Information:** ® Surround is a Registered Trademark of Tessenderlo Kerley Inc.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

END OF MSDS