



MATERIAL SAFETY DATA SHEET

SURROUND® WP CROP PROTECTANT

Date of Issue: May 2008

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 10/857 Doncaster Rd
Doncaster East, Vic 3109 Australia
Telephone: (03) 9840 2333
Facsimile: (03) 9840 2555
Website: 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

Ingredients:	CAS Number:	Concentration (g/kg):
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/m³ 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.



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9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	None anticipated
Incompatible Materials:	None known
Hazardous Decomposition Products:	None anticipated
Hazardous Reactions:	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: LD₅₀ > 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.
None allocated

UN Proper Shipping Name: None allocated

Class and Subsidiary Risk: None allocated

Packing Group: None allocated

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

SUSDP: 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:	Replaces August 2003 edition. Reason for update: Updating supplier contact information and minor regulatory details.
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 SUSDP – Standard for the Uniform Scheduling of Drugs 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 Engelhard Corporation, USA.

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