



## ELD DUST SUPPRESSANT

### MATERIAL SAFETY DATA SHEET

Product Name: **ELD Dust Suppressant**

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Issued: Jan 2005

Infosafe No: 5FUJV

\*Classified as hazardous according to criteria of NOHSC\*

#### COMPANY DETAILS

**Company Name** Equestrian Land Developments Pty Ltd (ABN 15 104 585 855)

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**Website** www.equestrianlanddevelopments.com

#### IDENTIFICATION

<b>Product Code</b>	3080
<b>Product Name</b>	ELD Dust Suppressant
<b>Proper Shipping Name</b>	None Allocated
<b>UN Number</b>	None Allocated
<b>DG Class</b>	None Allocated
<b>Packing Group</b>	None Allocated
<b>Hazchem Code</b>	None Allocated
<b>Poisons Schedule</b>	Not Scheduled
<b>Product Use</b>	Supplied as a citrus-based dust control agent for use in suitable applications only.

#### Physical Data

<b>Melting Point</b>	Less than 0°C
<b>Boiling Point</b>	Approximately 100°C
<b>Vapour Pressure</b>	2kpa typical @ 20°C
<b>Flash Point</b>	Product does not have a flash point
<b>Flamm. Limit LEL</b>	Not Applicable
<b>Flamm. Limit UEL</b>	Not Applicable
<b>Explosion Data</b>	Not considered an explosion risk under normal conditions of use
<b>Solubility in Water</b>	Soluble
<b>Density</b>	Approximately 1.0 kg/L @ 15°C

#### Other Properties

<b>Autoignition Temp</b>	Not Applicable
<b>Evaporation Rate</b>	Less than 1 (n-butyl acetate=1)
<b>Vapour Density</b>	Greater than air
<b>pH Value</b>	Approximately 7-8 @ 20°C
<b>Odour</b>	Citrus
<b>Viscosity</b>	Approximately 50 mm <sup>2</sup> /s @ 40°C (kinematic)
<b>Colour</b>	Clear Yellow/Orange
<b>Form</b>	Liquid
<b>Stability</b>	Stable under normal conditions of use
<b>Haz. Polymerization</b>	Will not occur
<b>Materials to Avoid</b>	Strong oxidising agents
<b>Other Information</b>	These physical data and other properties do not constitute a specification.



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### INGREDIENTS

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Organic sulfur compounds	Mixture	0-30%
	Orange Oil	5989-27-5	0-10%
	Aliphatic alkanal derivatives	Mixture	0-10%
	Phenol derivatives	Mixture	0-10%
	Ingredients determined not to be hazardous	Mixture	0-10%

### HEALTH HAZARD INFORMATION

#### Health Effects

<b>Acute- Swallowed</b>	May cause mild gastric irritation if swallowed.
<b>Acute- Eye</b>	A mild eye irritant
<b>Acute- Skin</b>	Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to dermatitic effects.
<b>Acute- Inhaled</b>	Inhalation of mists or aerosols may produce respiratory irritation.
<b>Chronic</b>	Generally a non-irritant on incidental contact. Excessive or prolonged contact may give rise to irritant or dermatitic effects. May cause sensitisation by skin contact.

#### First Aid

<b>Swallowed</b>	Give water to drink. DO NOT induce vomiting. Seek medical advice. If vomiting occurs get immediate medical attention due to aspiration risk.
<b>Eye</b>	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice if effects persists.
<b>Skin</b>	Wash with plenty of soap and water. If irritation occurs seek medical advice. Remove contaminated clothing and wash before re-use.
<b>Inhaled</b>	Remove victim from exposure – avoid becoming a casualty. Seek medical advice if effects persist.
<b>First Aid Facilities</b>	Normal washroom facilities are generally suitable. Ensure an eyewash station and safety shower are available ready for use.
<b>Other Information</b>	Keep water and mild soap near work site.

#### Advice to Doctor

<b>Advice to Doctor</b>	Treat symptomatically. Aspiration is main danger. Intubation is recommended prior to any emesis due to foaming properties.
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#### Other Health Hazard Information

<b>Acute Toxicity – Oral</b>	LD50 expected to be > 2000mg/kg
<b>Skin Sensitisation</b>	May cause skin sensitization



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### PRECAUTIONS FOR USE

#### Exposure Limits

#### Other Exposure Info.

No exposure standard has been established for this product.

Exposure Standard means the average concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. It can be of three forms; time-weighted average (TWA), peak limitation, or short term exposure limit (STEL). Occupational exposure limits: When an exposure standard has not been established by the National Occupational Health & Safety Commission for a material, a blanket recommendation of 5 mg/m<sup>3</sup> for respirable vapours, mists and dusts should be used.

#### Eng. Controls

Maintain concentration below recommended exposure limit. Special ventilation is not normally required due to the low volatility of the product at normal temperatures. However, in the operation of certain equipment or at elevated temperatures, mists or vapour may be generated and exhaust ventilation should be provided to maintain airborne concentration levels below the exposure standard or where no exposure standard is allocated, as low as is reasonably practicable.

### Personal Protection

#### Respirator Type (AS 1716)

Respirator not normally required.

Airborne concentrations should be kept to lowest levels possible. If vapour, mist or dust is generated and the occupational exposure limit of the product is exceeded, use appropriate AS/NZS 1715/1716 approved half-face filter respirator suitable for organic vapours or air supplied respirator after determining the airborne concentration of the contaminant. Air supplied respirators should always be worn when airborne concentration of the contaminant or oxygen content of the air is unknown.

#### Eye Protection

Safety glasses, goggles or faceshield as appropriate.

#### Glove Type

PVC, neoprene or nitrile rubber gloves.

#### Clothing

Overalls or similar protective apparel.

#### Footwear

Enclosed footwear.

#### Work/Hygienic Practices

PVC or rubber boots.

Always wash hands before smoking, eating, drinking or using the toilet. If contamination occurs, change clothing. Avoid carrying contaminated rags in pockets or wearing soaked clothing. Discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse.

### Flammability

#### Fire Hazards

Non combustible. Non flammable. Product residue, following evaporation of liquid content will burn in the presence of an ignition source.



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### SAFE HANDLING INFORMATION

#### Storage and Transport

<b>Storage Precautions</b>	Keep containers closed at all times. Store in cool place and out of direct sunlight. Store away from oxidizing agents. Check containers regularly for leaks.
<b>Transport</b>	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
<b>Handling</b>	Ensure the appropriate personal protective equipment is used with handling this material. When handling product in drum, safety footwear should be worn and proper handling equipment should be used. Prevent spillages.
<b>Proper Shipping Name</b>	None allocated

#### Spills and Disposal

<b>Spills &amp; Disposal</b>	Slippery when spilt. Avoid accidents, clean up immediately. Use absorbent (soil or sand, sawdust, inert material, vermiculate). Collect and seal in properly labelled drums for disposal. Observe local regulations. Wash away residues with water.
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#### Fire/Explosion Hazard

<b>Fire/Explosion Hazard</b>	Low Hazard
<b>Hazardous Decomposition or Byproducts</b>	Decomposition products may include: a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide, carbon dioxide, soot, oxides of sulfur, and unidentified organic and inorganic compounds.
<b>Fire Fighting Procedures</b>	Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.
<b>Extinguishing Media</b>	Use extinguishing media suitable for surrounding environment as this product is unlikely to burn.
<b>Hazardous Reaction</b>	May react with strong oxidising agents.
<b>Hazchem Code</b>	None Allocated

### OTHER INFORMATION

<b>Short Summary of Assessment of Environmental Impact</b>	The product is based on substances that are classified as 'readily biodegradable' according to AS4351/ISO 7827.
<b>Environmental Protection</b>	Do not allow material to enter drains and waterways.
<b>Risk Statement</b>	R36 Irritating to eyes. R43 May cause sensitization by skin contact.
<b>Safety Statement</b>	S2 Keep out of reach of children S25 Avoid contact with eyes S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of water.
<b>Hazard Category</b>	Irritant



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### References

- \* NOHSC:2011 National Code of Practice for the Preparation of Material Safety Data Sheets
- \*NOHSC:1008 Approved Criteria for Classifying Hazardous Substances
- \*NOHSC:10005 List of Designated Hazardous Substances
- \*NOHSC:1005 Control of Workplace Hazardous Substances, National Model Regulations.
- \*NOHSC:2007 Control of Workplace Hazardous Substances, National Code of Practice
- \*NOHSC:1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards
- \*NOHSC:3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note
- \*NOHSC:1015 Storage and Handling of Workplace Dangerous Goods, National Standard
- \*NOHSC:2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice
- \*SUSDP, Standard for the Uniform Scheduling of Drugs and Poisons
- \*ADG, Australian Dangerous Goods Code
- \*MSDS of component materials

### Last Change

Supersedes issue date: Not Applicable  
Reason for revision: New MSDS

### CONTACT POINT

#### Contact

**Equestrian Land Developments Pty Ltd 0407 149 637**  
**Poisons Information Centre (Brisbane) 13 11 26**

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Material Safety Data Sheets are updated frequently. Please ensure you have a current copy.

.....End of MSDS.....