



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)

Address PO Box 272
Lowood Qld 4311 Australia

Telephone No 0407 149 637

Fax 07 5427 0841

Email info@equestrianlanddevelopments.com

Website www.equestrianlanddevelopments.com

IDENTIFICATION

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

Physical Data

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

Other Properties

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



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INGREDIENTS

Ingredients	Name	CAS	Proportion
	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

Acute- Swallowed	May cause mild gastric irritation if swallowed.
Acute- Eye	A mild eye irritant
Acute- Skin	Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to dermatitic effects.
Acute- Inhaled	Inhalation of mists or aerosols may produce respiratory irritation.
Chronic	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

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

Advice to Doctor

Advice to Doctor	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

Acute Toxicity – Oral	LD50 expected to be > 2000mg/kg
Skin Sensitisation	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/m³ 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

Storage Precautions	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.
Transport	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
Handling	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.
Proper Shipping Name	None allocated

Spills and Disposal

Spills & Disposal	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

Fire/Explosion Hazard	Low Hazard
Hazardous Decomposition or Byproducts	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.
Fire Fighting Procedures	Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.
Extinguishing Media	Use extinguishing media suitable for surrounding environment as this product is unlikely to burn.
Hazardous Reaction	May react with strong oxidising agents.
Hazchem Code	None Allocated

OTHER INFORMATION

Short Summary of Assessment of Environmental Impact	The product is based on substances that are classified as 'readily biodegradable' according to AS4351/ISO 7827.
Environmental Protection	Do not allow material to enter drains and waterways.
Risk Statement	R36 Irritating to eyes. R43 May cause sensitization by skin contact.
Safety Statement	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.
Hazard Category	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.....