



MATERIAL SAFETY DATA SHEET

Meets 91/155/EEC and ISO 11014-1

Product Name: Dustac

1. IDENTIFICATION OF SUBSTANCE/PRODUCT AND COMPANY

Product Name: Dustac	Tel No: 08 6142 3101
Product Use: Binding Agent	Fax No: 08 9458 4388
Supplier: Quattro Solutions P O Box 315 Welshpool WA 6986	Emergency Tel No: 04 3845 4808

2. COMPOSITION / INFORMATION ON INGREDIENTS

Product Description:	Calcium Lignosulphonate.
CAS NO:	8061 52 7 (Calcium Lignosulphonate).
EINECS NO:	23 25 064 (Calcium Lignosulphonate)
Hazardous Components:	None

3. HAZARDS IDENTIFICATION

STATEMENT OF HAZERDOUS NATURE:	Non-Hazardous Substance. Non-Dangerous Goods According to NOHSC criteria, and ADG Code.
Important Hazards: Flammability:	None
Chemical Hazard:	Non-flammable
Health Effect Skin:	None
Health Effect Ingestion:	Not Irritant
Health Effect Inhalation:	Not expected to be route of exposure May cause Irritation of nasal mucosa

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air.
Skin Contact:	Wash with water.
Eye Contact:	Flush with water.
Ingestion:	Drink water.

5. FIRE FIGHTING MEASURES

Extinguishing Media:	Water, Foam or Carbon Dioxide
Protection of Fire-fighters:	Standard firefighting protective clothing and respiratory mask is recommended.
Hazardous Decomposition Products:	Sulphur Oxides, Carbon Monoxide.

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6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions:	Avoid infiltration of large quantities into drains, surface water, groundwater and soil.
Personal Precautions:	Respiratory protection, safety goggles and rubber gloves are recommended.
Spills and Cleanup:	Dam area to prevent spill from spreading. Recover as much as possible of product into appropriate containers for disposal and thoroughly wash area with water.

7. HANDING AND STORAGE

Handling:	Ensure adequate ventilation when handling. Respiratory protection, safety goggles and rubber gloves are recommended. Eye wash fountains in the work place are strongly recommended
Storage:	
Incompatible materials:	None

8. EXPOSURE CONTROL / PERSONAL PROTECTION

TLV (8hours):		5mg/m ³
Personal Protection	Respiratory:	Under normal conditions in the field and in normal use the smell of the product is reported as pleasant. However, hot "Dustac" (>70 deg Celsius) has been reported to have a mildly pungent aroma, which can be irritating for sensitive field workers exposed to the material at such elevated temperatures. Sensitive field workers can protect themselves by using a respirator should it be required.
	Skin/Hands:	Not a skin irritant, but gloves recommended.
	Eye:	Not an eye irritant but safety goggles are required.
Technical precautions:		Ensure adequate ventilation.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Viscous liquid.
Colour:	Brown.
Odour:	Very slight odour.
pH (10% Solution):	3.5 ± 1.0%
Dry Matter:	55.00 ± 1.0%
Density (25 °C):	1285 kg/m ³ .
Solubility:	Soluble in water.
Solubility in Organic solvents:	Very Low.
Partition coefficient: (N-octanol/water) Vapour Pressure:	Method for determination is not applicable for this product.
Boiling point/range:	Not applicable.
Melting point/range:	>130 °C.
Flash point:	Not applicable.
Explosive properties:	Not applicable.
Autoignition temperature:	>150 °C

10. STABILITY AND REACTIVITY

The product is stable for several years under dry cool storage conditions.

Hazardous Decomposition Products:	Not known
Materials to avoid:	Not known
Conditions to avoid:	Not know

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	LD ₅₀ >5g/kg
Local Effects:	None.
Skin Irritant:	According to the OECD Guidelines No.404,1981, this product is not classified as a skin irritant.
Eye Irritant:	According to the OECD Guidelines No.404,1981, this product is not classified as an eye irritant.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity - Fish:	According to OECD method No 203, this product is classified as not fish toxic.
Biodegradability:	This product is classified as inherently biodegradable by OECD method No.302B

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13. DISPOSAL CONSIDERATIONS

Disposal Methods:	Dispose in accordance with local/national regulations governing the disposal of waste materials.
Disposal of Packaging:	Residues of packaging may be incinerated unless local disposal regulations state otherwise

14. TRANSPORT CONSIDERATIONS

Regulations:	No known regulations for this product.
References:	Marpol, Annex II, Appendix III.

15. REGULATORY INFORMATION

Information:	Not classified as dangerous for supply or conveyance.
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16. OTHER INFORMATION

None.

The information on this Material Safety Data Sheet corresponds to the actual level of our knowledge. This information is not a product specification and cannot be a base for contractual use. The user of this product is responsible for the observation of existing laws and directives.

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