

MATERIAL SAFETY DATA SHEET

DIACEL 150, 200 & 1000 FILTER POWDER

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Date of issue: June 2003

STATEMENT OF HAZARDOUS NATURE

Classified as not hazardous, according to criteria of Worksafe Australia.

COMPANY DETAILS

Company: Filchem Australia Pty Ltd. A.C.N. 003 078 117
Address: Unit 2 / 7 Salisbury Rd, Castle Hill, NSW 2154
Telephone: 02 9899 4633
Emergency: Telephone 1 800 359 434 (After hours: Bill Tugnett 02 9899 8779)

IDENTIFICATION

Product Name: Diacel 150, Diacel 200, Diacel 1000
Other Names: Generic name: Cellulose. Chemical name: alpha Cellulose.
Product Code: D150, D200, D1000
UN Number: None allocated
Dangerous Goods Class and Subsidiary Risk: NOT Applicable
HazChem Code: NOT Applicable
Poisons Schedule Number: NOT Applicable
Uses: Filter powder for the filtration of beer, wine, sugar etc.

Physical Description / Properties.

Appearance: White fluffy powder. No odour.
Boiling / Melting Points: Not Applicable.
Vapour Pressure: Not Applicable.
Specific Gravity: Not Available
Flashpoint: Not Applicable.
Flammability Limits: Combustible. Avoid dust formation. Can form explosive dust/air mixture.
Solubility in Water: Negligible.

Other Properties.

Bulk Density: 0.04 - 0.16 g /cc.
pH Approx. 6 (continued next page)

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Ingredients.

<u>Chemical entity:</u>	<u>CAS No:</u>	<u>PROPORTION</u>
Cellulose	9004-34-6	> 99%

Health Effects.

Acute:	Upper respiratory or eye irritation, caused by dust.
Swallowed:	Not hazardous when ingested.
Eye:	Possible irritation.
Skin:	May cause irritation to sensitive skin.
Inhaled dust:	Irritation in the nose and throat. Congestion may occur
Chronic:	Repeated exposures are unlikely to cause any chronic effect.

First Aid.

Swallowed:	No hazard anticipated from ingestion.
Eye:	Do not rub eyes. Flush eyes with copious amounts of water to remove any dust particles. Consult physician if irritation persists.
Skin:	Wash to remove dust. Consult physician if irritation persists.
Inhaled:	Remove to fresh air; drink water to clear throat; blow nose to evacuate dust. Consult physician if irritation persists.
First aid facilities:	Eye wash, shower

Advice to doctor: Describe symptoms. Show this MSDS to medical practitioner.

PRECAUTIONS FOR USE

Exposure standards:	< 10 mg/cu. metre respirable mass. When used with DE, the exposure limit should be the Cristobolite standard. ie TWA concentration of 0.1 mg/cu. metre respirable mass.
Engineering controls:	Adequate ventilation and dust collection to keep dust levels below TWA. Employ techniques to eliminate static discharges.

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Personal protection.

Respirator type: Wear a Class P1 (eg 3M 8812) dust / mist respirator when handling.
Glove type: Wear PVC gloves to protect sensitive skin.
Eye protection: Wear safety goggles or a face shield to protect eyes from dust

Flammability.

Fire Hazards: Flammable. May form explosive dust-air mixture when handling. In case of fire, smoke, carbon monoxide and carbon dioxide are emitted.

SAFE HANDLING INFORMATION

Storage and Transport: Should be handled carefully to avoid damaging bags, resulting in spills and creation of dust.

Dangerous Goods Class / Subsidiary Risks: Not Applicable.

Spills and Disposals:

Clean Up Spills / Leaks: Wear protective equipment. Seal broken bags immediately.
Dispose spilled product in a sealed container.

Precautions for Clean Up: Avoid creating unnecessary dust. Vacuum or wet sweep.

Disposal Methods: Not considered as hazardous waste. Dispose in approved landfill.

Fire / Explosion Hazard:

Hazards of Use / Storage: Store in cool dry area, away from ignition sources. Keep away from oxidising agents.

Explosion hazard: May form explosive dust-air mixture when handling.

Types of Extinguisher / Fire Fighting Agents: Water spray / fog.

Hazchem Code: Not Applicable.

Other Information: None.

Contact Point: Filchem Australia P/L, Bill Tugnett, General Manager.

Telephone: (02) 9899 4633 business hours, (02) 9899 8779 after hours.
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