

MATERIAL SAFETY DATA SHEET

AUSTRALIA:

Emergency Response: 1800 625 526

IMCD Australia Limited ABN 44 000 005 578

1st Floor, 372 Wellington Road

Mulgrave, VIC 3170

Ph: (03)8544 3100

Fax (03)8544 3299

An electronic version of this MSDS is available at www.imcdgroup.com**NEW ZEALAND**

Emergency Response: 0800 500 288

IMCD New Zealand Limited

4C Carr Road

Mt Roskill, Auckland

Ph: (09)625 6169

Fax (09)625 6655

Not classified as hazardous according to the criteria of NOHSC Australia.

I IDENTIFICATION

This MSDS first created : September, 2004Most Recent Revision Date: September, 2004Product Name: Nacalit PORE-TECOther Names: None.MSDS Code: 4901480UN No: None allocatedHazchem Code: None allocatedDangerous Goods Class: None allocatedSub Risk Class: None allocatedPackaging Group: None allocatedPoison Schedule: Not scheduled.Chemical Family: Aluminium hydrosilicate.Uses: No specific data. Refer to product literature for details.

Physical Appearance & Properties

Appearance & Odour: Whitish granulated solid. Neutral odour.Melting/softening point: No specific data. Solid at normal temperatures.Boiling point and vapour pressure: Not available.Volatile materials: No specific data. Expected to be low at 100°C.Flashpoint: Does not burn.Flammability limits: Not applicable. This product does not burn.Specific gravity: Not available. Bulk density approx 0.8Solubility in water: Insoluble. However, forms suspensions.Corrosiveness: Not corrosive. pH of 4% suspension is about 9-10Vapour Pressure: No data.

Ingredients

Chemical Entity

CAS No

Proportion, %

Worksafe Exposure Limits

TWA, mg/m³STEL, mg/m³

Bentonite

1302-78-9

pure *

not set

not set

* Commercially pure.

This is a commercial product whose exact ratio of components may vary. Trace quantities of impurities are also likely.

II HEALTH HAZARD DATA

Health Effects:

No specific data is available for the product for chronic exposure symptoms. The ingredients are not listed as carcinogenic in Worksafe's document "Exposure Standards for Atmospheric Contaminants in the Occupational Environment" (May 1995), nor in NOHSC's "List of Designated Hazardous Substances" (April 1999).

Acute Effects:

Swallowed: Single dose oral toxicity is considered to be low. No hazards are anticipated from swallowing small amounts incidental to normal handling operations.

Eye: This product may be mildly irritating to eyes. However, it is unlikely to cause any more than mild transient discomfort. It is also unlikely to cause any lasting effects.

Skin: Exposure to this product is not likely to cause significant irritation, nor is it likely to be absorbed through skin in harmful amounts.

MATERIAL SAFETY DATA SHEET

Most Recent Revision Date: April, 2007

Inhalation: No inhalation hazards incidental to normal handling operations are anticipated from this product when used at room temperatures.

First Aid:

If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 13 1126 from anywhere in Australia. If possible have this MSDS or product label with you.

Swallowed: If swallowed, do NOT induce vomiting. Wash mouth with water and give a glass of water to drink.

Eyes: If product gets in eyes, wash material from them with running water. If they begin watering or reddening, take special care in washing thoroughly.

Skin: If product gets on skin, wash skin to remove material. No further measures should normally be required.

Inhalation: No first aid measures normally required. However, if vapours or dusts have been inhaled, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

Advice to Doctor: Treat symptomatically. Note the nature of this product.

III PRECAUTIONS FOR USE

Exposure Standards:

A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by NOHSC Australia for any of the major ingredients in this product. There is a blanket limit of 10mg/m³ for dusts or mists when limits have not otherwise been established.

Engineering Controls:

In industrial situations, concentration values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify the process or environment to reduce the problem.

Personal Protection:

Respiratory Protection: It is usually safe to not use a dust mask or respirator protection on account of this product. However, if the product is being used in dusty or confined conditions, use of a mask or respirator may be preferred. For help in selecting suitable equipment, consult AS/NZS 1715.

Protective Gloves: Protective gloves are not normally necessary when using this product. However, it is always prudent to wear gloves. For help in selecting suitable equipment, consult AS 2161.

Eye Protection: Protective eyewear is not normally necessary when using this product. However, it is always prudent to use protective eyewear. Consult AS1336 and AS/NZS 1337 for advice on Industrial Eye Protection.

Clothing: This product is essentially safe to use without special protective clothing. However, its use is recommended as a good industrial practice. Consult AS2919 for advice on Industrial Clothing.

Safety Boots: Wearing safety boots in industrial situations is advisory. Consult AS/NZS2210 for advice on Occupational Protective Footwear.

Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

IV SAFE HANDLING INFORMATION

Storage & Transport

No special storage and transport requirements. This product has no UN classification. Not a Scheduled Poison. Containers should be kept closed in order to minimise contamination. Keep from extreme heat and open flames, and make sure that the product does not come into contact with substances listed under "Materials to avoid" below.

Spills & Disposals

Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Dispose of only in accord with all regulations.

Fire & Explosion Hazard

There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Flashpoint: Does not burn.

Flammability limits: Not applicable. This product does not burn.

IMCD Australia Limited Phone (03)8544 3100 (8-5)

IMCD New Zealand Limited (09)625-6169

Product: Nacalit PORE-TEC

Page 2 of 3

Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

MATERIAL SAFETY DATA SHEET

Most Recent Revision Date: April, 2007

Extinguishing Media: This product does not burn. Use extinguishing media suited to the materials that are burning.

Special Fire Fighting procedures: No special fire fighting clothing is necessary on account of this product. However, as a minimum, wear safety shoes and overalls.

Unusual Fire & Explosion Hazards: This product is unlikely to decompose at temperatures normally achieved in a fire.

Stability: This product is unlikely to spontaneously decompose.

Polymerisation: This product is unlikely to spontaneously polymerise.

Decomposition Products: No significant quantities of decomposition products are expected at temperatures normally achieved in a fire.

Materials to avoid: No particular incompatibilities.

V OTHER INFORMATION

This MSDS is prepared in accord with the Worksafe Australia document "National Code of Practice for the Preparation of Material Safety Data Sheets", 1994.

It also conforms with the New Zealand OSH Guidelines for the Preparation of MSDSs (May 1995).

Contact Points:

	AUSTRALIA	NEW ZEALAND
Police and Fire Brigade:	Dial 000	111
If ineffective:	Dial 132203 (Exchange)	-
For emergency response:	Dial 1800 625 526	(0800)500 288
National Poisons Information Centre:	Dial 13 1126 (from anywhere in Australia) or 0800 764 766 from anywhere in New Zealand	

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. THE 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.

Please read all labels carefully before using product.

This MSDS copyright © Kilford & Kilford Pty Ltd
<http://www.kilford.com.au/> Phone (02)9251.4532
This MSDS relies on a supplier MSDS dated 2 March 2004