

SAFETY DATA SHEET

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Product identifier	ZeoMed (Zeolite) - ZeoMed Range of Products
Product description	ZeoMed Infectious Waste Body Fluid Clean-Up Absorbent Powder
Recommended use	Absorbent powder for adsorbing excess moisture and odour associated with body fluid spills.
Issue Date	Jun 3, 2026
Supersedes	April 2025 SDS
SDS version	2.0 - Australian format update
Emergency telephone	Australia Poisons Information Centre: 13 11 26 (24 hours)

1 IDENTIFICATION

Product identifier	ZeoMed (Zeolite)
Other names / product range	ZeoMed Range of Products; ZeoMed Infectious Waste Body Fluid Clean-Up Absorbent Powder; zeolite absorbent powder.
Recommended use	Adsorbs excess moisture and odour associated with body fluid spills.
Uses advised against	Use only as supplied and for the intended absorbent/spill-response purpose. Not for food, feed, therapeutic or cosmetic use. Do not use where airborne dust cannot be controlled without an appropriate risk assessment.
Supplier / manufacturer	Machine Technology Pty Ltd t/as IDC Medical ABN: 79 003 244 942 3 Production Avenue, Kogarah NSW 2217, Australia
Telephone / email	Phone: +61 2 9587 0232 Email: info@idcmedical.com Website: www.idcmedical.com
Emergency telephone	Australia Poisons Information Centre: 13 11 26 (24 hours). For product information during business hours contact IDC Medical on +61 2 9587 0232.

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2 HAZARD(S) IDENTIFICATION

GHS classification	Specific target organ toxicity - single exposure, Category 3 (respiratory tract irritation).
Hazardous chemical status	Classified as a hazardous chemical under Australian WHS/GHS hazard communication requirements due to respiratory tract irritation from dust.
Dangerous goods status	Not classified as Dangerous Goods for transport under the ADG Code, IMDG Code or IATA Dangerous Goods Regulations based on available information.

GHS label elements

Pictogram	Signal word	Hazard statement
	WARNING	H335 - May cause respiratory irritation.

Precautionary statements

Prevention	P261 Avoid breathing dust. P271 Use only outdoors or in a well-ventilated area.
Response	P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTRE/doctor if you feel unwell.
Storage	P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
Disposal	P501 Dispose of contents/container in accordance with local, state and national regulations.

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Other hazards

- Dust may mechanically irritate eyes, skin and the upper respiratory tract.
- Avoid generating airborne dust when opening, pouring, decanting or cleaning up the powder.
- This SDS applies to unused product. Product that has absorbed blood, vomit, urine, faeces or other body fluids must be treated as potentially contaminated clinical/infectious waste and handled under the workplace biohazard procedure.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient / chemical identity	CAS No.	Proportion
Zeolites / hydrous sodium aluminosilicate, natural clinoptilolite	1318-02-1	100%

Impurities/additives contributing to classification: No hazardous impurities or additives were identified in the supplied SDS. Confirm current supplier specification if crystalline silica content or particle-size distribution is required for customer claims, occupational hygiene assessment or regulatory review.

4 FIRST AID MEASURES

Inhalation	Remove person to fresh air and keep comfortable for breathing. If coughing, irritation, shortness of breath or other symptoms persist, call the Poisons Information Centre or a doctor. If breathing is difficult, oxygen may be administered by trained personnel.
Skin contact	Remove contaminated clothing. Wash skin with soap and plenty of water. Seek medical advice if irritation, redness or dermatitis develops or persists.
Eye contact	Immediately rinse cautiously with clean running water for at least 15 minutes, holding eyelids apart. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.
Ingestion	Rinse mouth with water. Give water to drink if conscious. Do not induce vomiting unless directed by medical personnel. Seek medical advice if large quantities are swallowed or symptoms develop.
First aid facilities	Eye wash and clean running water should be available where product is handled.
Symptoms caused by exposure	Dust may cause irritation of the eyes, skin, mucous membranes and upper respiratory tract. Symptoms may include coughing, sneezing, throat irritation, eye watering or skin dryness.
Medical attention / special treatment	Treat symptomatically. No specific antidote known.

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5 FIREFIGHTING MEASURES

Suitable extinguishing media	Use extinguishing media appropriate for the surrounding fire: water spray, foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	None known for the product itself.
Specific hazards	Product is not flammable. At high temperatures or in a fire, decomposition may produce irritating metal oxide fumes or other combustion/decomposition products from surrounding materials.
Firefighting PPE	Firefighters should wear self-contained breathing apparatus and full protective clothing appropriate to the surrounding fire.
Hazchem code	Not allocated.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid breathing dust. Avoid contact with eyes and prolonged skin contact. Provide ventilation. Wear suitable eye protection, gloves and a particulate respirator if dust is generated.
Emergency procedures	Restrict access to the affected area. If product is contaminated with body fluids, implement the workplace biological spill procedure and use appropriate biohazard PPE.
Environmental precautions	Prevent entry into drains, waterways and soil where practicable. Avoid uncontrolled dust release.
Containment and clean-up	Collect spilled material by HEPA-filtered vacuum or careful damp sweeping to minimise dust. Place in a suitable, labelled container for reuse or disposal. Do not use compressed air for clean-up.
Disposal of spill waste	Uncontaminated material: dispose in accordance with local requirements. Contaminated material: dispose as clinical/infectious waste where applicable.

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7 HANDLING AND STORAGE

Safe handling	Use with adequate ventilation. Avoid creating or breathing dust. Avoid eye contact and prolonged skin contact. Do not eat, drink or smoke while handling. Wash hands after use and before breaks. Keep containers closed when not in use.
Biohazard handling note	When used on body-fluid spills, the used absorbent and associated waste may be biologically contaminated. Handle used product with gloves and other PPE specified in the workplace infection-control/biohazard procedure.
Safe storage	Store in tightly closed original containers in a cool, dry and well-ventilated place. Protect from moisture and contamination. Keep away from incompatible materials.
Incompatible materials	Strong oxidising agents and highly reactive halogenating/fluorinating agents. Avoid contact with incompatible materials such as phosphorus pentachloride, chlorine trifluoride and bromine pentafluoride.
Container requirements	Keep container clearly labelled. Replace cap or closure after use. Prevent damage to containers during transport and storage.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters	No product-specific Australian workplace exposure standard was identified in the information supplied. Manage airborne dust under the current Safe Work Australia workplace exposure standards/limits and any applicable occupational hygiene advice for the workplace.
Engineering controls	Use adequate general ventilation. Use local exhaust ventilation or enclosed transfer methods where dust may be generated. Avoid dry sweeping and compressed air cleaning.
Air monitoring	Air monitoring may be required where there is uncertainty about airborne dust exposure or where workplace conditions may generate respirable/inhalable dust.
Respiratory protection	Not normally required for low-dust normal use. Where dust is generated or ventilation is inadequate, use a suitable particulate respirator, such as a P2 disposable or reusable particulate respirator, selected, fitted and used in accordance with AS/NZS 1715 and AS/NZS 1716 or equivalent workplace
Eye / face protection	Wear safety glasses with side shields. Use chemical safety goggles where dust is likely to be generated.
Skin protection	Wear suitable gloves when handling for prolonged periods or during spill clean-up. Wear protective clothing if skin contamination is likely.
Hygiene measures	Wash hands and exposed skin after handling. Launder contaminated clothing before reuse. Do not take contaminated PPE or clothing into clean areas.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Tan/white particle mixture; powder/granular absorbent.
Odour	Odourless.
Odour threshold	No data available.
pH	No data available.
Melting point / freezing point	No data available.
Initial boiling point / range	No data available.
Flash point	Not applicable / no data available.
Evaporation rate	No data available.
Flammability	Not flammable.
Upper/lower flammability or explosive limits	No data available.
Vapour pressure	No data available.
Vapour density	No data available.
Relative density	No data available.
Solubility	No data available.
Partition coefficient n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	Not applicable.
Particle characteristics	Dust may be generated during pouring, decanting or sweeping.

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10 STABILITY AND REACTIVITY

Reactivity	No dangerous reactivity expected under normal conditions of use and storage.
Chemical stability	Stable under normal ambient temperature and pressure.
Possibility of hazardous reactions	Hazardous polymerisation will not occur. Avoid contact with incompatible materials.
Conditions to avoid	Avoid generating dust. Avoid excessive heat, moisture contamination and contact with incompatible substances.
Incompatible materials	Strong oxidising agents; phosphorus pentachloride; chlorine trifluoride; bromine pentafluoride; lithium at elevated temperatures; chlorinated rubber/linseed oil mixtures; aluminium/hexachloroethane mixtures; zinc chloride.
Hazardous decomposition products	High-temperature decomposition or fire conditions may produce irritating metal oxide fumes and other decomposition products from surrounding materials.

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11 TOXICOLOGICAL INFORMATION

Likely routes of exposure	Inhalation of dust, eye contact, skin contact and incidental ingestion.
Acute health effects - inhalation	May cause respiratory tract irritation. Symptoms may include coughing, sneezing, throat irritation or discomfort, especially where dust is generated.
Acute health effects - eyes	Dust may cause mechanical irritation, watering, redness or discomfort. Supplied data indicates moderate eye irritation potential.
Acute health effects - skin	May cause mechanical dryness or irritation in some individuals. Supplied data indicates non-irritating acute dermal results, but repeated exposure may irritate sensitive skin.
Acute health effects - ingestion	Low toxicity expected from incidental ingestion; may cause gastrointestinal discomfort if swallowed in quantity.
Respiratory or skin sensitisation	Supplied data indicates non-sensitiser. No product-specific sensitisation data otherwise available.
Germ cell mutagenicity	No data available. Not classified based on available information.
Carcinogenicity	No product-specific data available. Not classified based on the supplied SDS. Confirm current supplier specification if crystalline silica content is relevant to the workplace exposure assessment.
Reproductive toxicity	No data available. Not classified based on available information.
STOT - single exposure	Category 3 - may cause respiratory irritation (H335).
STOT - repeated exposure	No data available. Repeated or prolonged dust exposure may irritate the respiratory tract and should be controlled.
Aspiration hazard	Not applicable for a solid powder.

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12 ECOLOGICAL INFORMATION

Ecotoxicity	No product-specific data available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	Avoid release to drains, waterways and the environment. Used product contaminated with body fluids may pose a biological hazard and must be managed accordingly.

13 DISPOSAL CONSIDERATIONS

Disposal methods	Dispose of contents and container in accordance with local, state/territory and national requirements.
Unused product	Unused, uncontaminated product may be disposed of in accordance with local council and waste contractor requirements.
Used or contaminated product	Where the product has absorbed body fluids, blood or other potentially infectious material, treat as contaminated clinical/infectious waste and dispose through the approved waste stream for the workplace and jurisdiction.
Packaging	Dispose of empty packaging in accordance with local requirements. Do not reuse empty containers for food, drink or other incompatible purposes.

14 TRANSPORT INFORMATION

Transport Mode	Classification	Details
ADG Code -Road/Rail	Not regulated as Dangerous Goods	UN number: Not allocated; Proper shipping name: Not allocated; Class: Not allocated; Packing group: Not allocated; Hazchem: Not allocated.
IMDG -Sea	Not regulated as Dangerous Goods	No marine pollutant classification based on available information
IATA - Air	Not regulated as Dangerous Goods	No IATA Dangerous Goods classification based on available information.

Transport note: Secure containers to prevent damage, moisture ingress and dust release during transport.

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15 REGULATORY INFORMATION

Australian WHS classification	Classified as hazardous due to STOT SE Category 3 (respiratory tract irritation). SDS prepared using the GHS framework adopted in Australia.
Dangerous Goods	Not classified as Dangerous Goods for transport based on available information.
Australian Inventory status	CAS 1318-02-1 is listed on the Australian Inventory of Industrial Chemicals (AIIC) as Zeolites. Confirm listing terms and use conditions as part of import/manufacturing compliance review.
Poisons Standard / SUSMP	No poison schedule allocated based on information available in the supplied SDS. Confirm if product formulation, additives or intended use changes.
Other regulatory information	Used product contaminated with body fluids may be subject to clinical/infectious waste, infection-control and workplace procedures in the relevant state or territory.

16 OTHER INFORMATION

Issue date	Jun 3, 2026
Revision / version	Version 2.0 - Updated Australian SDS format and wording; removed outdated third-party disclaimer; aligned headings and wording to Australian SDS/GHS 7 structure; added biohazard handling notes for used absorbent.
Superseded document	ZeoMed (Zeolite) Safety Data Sheet - April 2025.
Prepared for	Machine Technology Pty Ltd t/as IDC Medical.
Key abbreviations	ADG - Australian Dangerous Goods Code; AIIC - Australian Inventory of Industrial Chemicals; CAS -Chemical Abstracts Service; GHS - Globally Harmonized System of Classification and Labelling of Chemicals; SDS - Safety Data Sheet; STOT SE - Specific Target Organ Toxicity, Single Exposure; WES/WEL - Workplace Exposure Standard/Limit.
Sources of data	Supplied April 2025 ZeoMed (Zeolite) SDS; supplier safety information for ingredients; Safe Work Australia guidance for SDS structure, GHS 7 classification/labelling and workplace exposure standards; AICIS AIIC listing for CAS 1318-02-1.
Disclaimer	This SDS has been prepared from information available at the issue date and is intended to assist safe handling, storage, transport and disposal. It does not constitute a product specification or warranty. Users must assess suitability for their particular circumstances and ensure compliance with applicable workplace, environmental, transport and waste requirements. Final regulatory, chemical classification and legal review is recommended before public issue if formulation, supplier data, particle size, crystalline silica content, claims or uses change.

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Contact Points:

AUSTRALIA : IDC Medical

General Information:

Operations Manager: +61 2 9587 0232

Specialist Information:

Aust Poisons Information Centre
Emergency: 131 126

Contact Points:

NEW ZEALAND: Hazero

General Information:

Sales Director: +64 800 688 844

Specialist Information:

NZ National Poisons Centre
Emergency: 0800 764 766

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-End of SDS -