

Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: CHEMICLEAR 310
OTHER NAMES: Anionic polyacrylamide, Anionic PAM

ADDITIONAL INFO:

Typical use: Flocculant for water and wastewater treatment.
NZ Supplier: Erosion Control Co Ltd, Silverdale, Auckland
Telephone: 09 426 8292
Fax: 09 426 8293
Emergency No: NZ Poisons Centre 0800 764 766
Email: info@erosioncontrol.co.nz

2. HAZARDS IDENTIFICATION

Not classified as a Dangerous Goods under NZS 5433:2012 Transport of Dangerous Goods on Land.

Based on available information is not considered hazardous according to the criteria in the HS (minimum degree of hazard) regulations 2001.

3. COMPOSITION/INFOMRATION ON INGREDIENTS

Ingredient	Concentration	CAS No.	Hazard Code
Anionic polyacrylamide	100 %	9003-05-8	

4. FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Remove contact lenses, if present. Get medical attention if eye irritation persists.

Skin: In case of contact, immediately flush skin with copious quantities of water and wash with soap. If irritation occurs call a physician.

Inhalation: Remove victim to fresh air. Remove any contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Call a doctor/physician if effects persist.

Ingestion: Do NOT induce vomiting. Rinse mouth out with water and get medical/attention immediately.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray, dry chemical, carbon dioxide or appropriate foam.
For firefighters: Wear self-contained breathing apparatus and suitable protective clothing if there is a risk of exposure to vapor or products of combustion.

Specific hazards arising from substance or mixture:

- Combustible solid. Will emit toxic including those oxides of carbon and nitrogen. Product is extremely slippery when wet.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Use personal protective equipment/effective to prevent skin & eye contact & inhalation of dust

De-contamination Procedures Sweep up loose powder and transfer to a dry, lidded container for disposal. Avoid raising dust.

7. HANDLING AND STORAGE

Handling precautions: Wear appropriate gloves/rubber gloves for hand protection and wear goggles for eye protection. Do not eat or drink whilst handling the product.

Storage conditions Store in a dry, cool, well ventilated area. Keep away from ignition sources, heat and flames. Keep containers closed when not in use. Keep away from strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures to reduce exposure: Ensure adequate ventilation.

Personal protection equipment

Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment.

Hand Protection: Compatible gloves.

Eye Protection: Safety glasses with side-shields. Do not wear contact lenses.

Skin & body protection: Chemical resistant apron or protective suits if splashing or

Hygiene measures:

repeated contact with solution is likely.

Wash hands and face before breaks and immediately after handling the product. When using do not eat drink or smoke. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Off-white granular solid.
Odor:	Weak odor.
Melting point:	>350 °C
pH:	5.4 (25 °C, 50.0 g/L)
Solubility:	Miscible with water.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal temperatures and pressures.
Incompatibilities:	Strong oxidizing agents.
Hazardous decomposition products:	Carbon oxides, Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected if the product is handled in accordance with this safety Data sheet and the product label. Symptoms or effects may arise if the product is mishandled and overexposure occurs.

Toxicity data:

Rat	Oral	LD ₅₀ >1000 mg/kg
Mouse	Oral	LD ₅₀ 12950 mg/kg

Irritation data: May cause irritation to eyes, respiratory system and skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	LC50/96h/algae=1.5-2mg/l (Al-Cl)
Toxicity to bacteria:	12mg/l (Al-Cl)
LC50/48h/daphnia:	3.9mg/l (Al-Cl)

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused: Dispose of as special waste in compliance with local and national

Contaminated packaging: regulations.
Dispose of as special waste in compliances with local and national regulations.

14. TRANSPORTATION INFORMATION

Road & Rail Transport:

Not classified as a Dangerous Good under NZS5433:2012 Transport of Dangerous Good on Land.

Marine Transport:

Not classified as Dangerous Goods by the International Maritime Dangerous Goods Code (IMDG Code) for Transport by Sea. Non-dangerous goods.

Air Transport:

Not classified as Dangerous Goods by the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by Air. Non-dangerous goods.

15. REGULATORY INFORMATION

The product is not a hazardous article and need not to be labeled according to EC-Directives as amended.

16. OTHER INFORMATION

Notes: The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation.

No liability will be accepted for injury, loss or damage resulting from failures to take consideration of information or advice contained in the SDS.