

Material Safety Data Sheet

DamClear Flocculants Anionic Grades

DamClear Flocculants are water soluble, anionic polyacrylamide flocculant supplied in powder form. The Flocculants are intended for solid-liquid separation in applications such as clarification and filtration of dirty water in mining, paper making, stormwater and industrial wastewater.

1.0 Product Identification

Identifier	Classification
U.N. No.	Not assigned
Hazchem:	Not assigned
Packaging Group:	Not assigned
D.G. Class:	Not assigned
Poisons Schedule:	Not assigned
CAS No.	9003-05-8
Product Identification:	PAM, DamClear Anionic Flocculant, grades A10, A30, A50

NON HAZARDOUS ACCORDING TO WORKSAFE AUSTRALIA CRITERIA [NOHSC:1008(1994)]

2.0 Chemical & Physical Data

Characteristic	Technical Data
Chemical type:	Copolymer of polyacrylic acid and polyacrylamide
Physical Form :	Granular powder
Colour:	White
pH (1% solution):	Approx 6.5
Boiling Point:	Not applicable
Bulk density:	Varies with grade, approx. 0.65 - 0.8 g/cm ³
Flash Point:	Not exhibited
Melting Point:	Approx. 200 °C
Odour:	Faint characteristic odour
Vapour Pressure:	Not applicable
Water Solubility:	Infinite

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3.0 Health Hazard & First Aid Information

<i>Exposure Type</i>	<i>Risk</i>	<i>First Aid</i>
Inhalation:	Minimal, not an inhalation hazard under normal conditions of use.	Remove affected person to fresh air. Clear any blocked airways. If recovery is delayed seek medical advice.
Skin Contact:	Not a skin irritant or sensitiser. Prolonged or repeated skin contact may lead to slight skin irritation.	Remove contaminated clothing and wash skin thoroughly with soap and water.
Skin Absorption:	Low.	Unlikely to be absorbed through skin.
Eye Contact:	May cause some irritation which should cease on removal of product.	If eye contact occurs, irrigate with water for 15 minutes. If there is any irritation seek medical attention.
Ingestion:	Low toxicity product.	Do not induce vomiting. If unconscious do not give anything by mouth. Check for breathing and pulse, if present place in the recovery position and obtain medical attention. If conscious rinse out the mouth with water. Give 400 mL of water to drink immediately and repeated drinks of water at a rate of a cupful every 10 minutes. Obtain medical attention immediately.

4.0 Product Handling Information

<i>Exposure Type</i>	<i>Precautions</i>
Exposure Standards:	None allocated.
Engineering Controls:	Ensure adequate ventilation, especially in confined areas. Ground all storage vessels.
Respiratory Protection:	Not normally required.
Hand Protection:	Suitable skin protection should be worn when using this product, i.e. rubber or PVC gloves.
Eye Protection:	Suitable eye protection should be worn when using this product, i.e. safety glasses or goggles.
Skin and Body Protection:	Light weight protective clothing.
Slip Hazard:	When spills become wet, the product becomes very slippery. Clean all spills immediately with dry sand or vacuum.

5.0 Reactivity Data and Fire & Explosion Hazard Data

Characteristic	Risk Data
Incompatibility:	Avoid contact with reactive chemicals.
Hazardous Decomposition Products:	No decomposition if stored and applied as directed. Burning may produce carbon monoxide and/or carbon dioxide.
Fire & Explosion Data:	Non flammable. Non explosive. However treat as per all dust or powder products there is risk of dust explosion. Ground all storage vessels.
Extinguishing Media:	Foam, dry powder or carbon dioxide, in preference to water spray as product becomes very slippery when wet. Full protective equipment and self contained breathing apparatus must be worn when combating fire.

6.0 Spills & Waste Disposal

Parameter	Risk Data
Personal Precautions:	Use personal protective equipment.
Environmental Precautions:	Do not let product enter drains or sewer system.
Waste Disposal:	Wastes should be disposed of in accordance with requirements of local, state or federal government authorities.
Procedures For Clean Up	Sweep and shovel into containers suitable for disposal. Residues or small spillage may be hosed away with large quantities of water. Product becomes very slippery when wet. Either contain wet product with sand or soil or apply Flocculant Solvent (available from Environmental Warehouse) to neutralise product.

7.0 Contact Point

Telephone: Australia: 02 6685 5157, International +61 2 6685 5157

The information contained in this Material Safety Data Sheet is given in good faith. It is accurate to the best of our knowledge. The information provided in this Material Safety Data Sheet does constitute or replace the users own assessment of workplace risks as required by health and safety legislation, both Federal and State. Environmental Warehouse (Aust) Pty. Ltd. makes no guarantee for results obtained, and assumes no responsibility for damages incurred by use of this product. It is the responsibility of the user to comply with all federal, state, and local laws and regulations.