

DamClear Flocculants Cationic Grades

DamClear Flocculants are water soluble, cationic polyacrylamide flocculants supplied in powder form. The Flocculants are intended for solid-liquid separation in applications such as clarification & filtration of water in paper making, sewage treatment and industrial wastewater treatment.

1.0 Product Identification

<i>Identifier</i>	<i>Classification</i>
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:	DamClear Flocculant, grades C10, C30

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

2.0 Chemical & Physical Data

<i>Characteristic</i>	<i>Technical Data</i>
Chemical type:	Copolymer of polymethacrylate and polyacrylamide
Physical Form :	Granular powder
Colour:	White
pH (1% solution):	Approx 6.5
Boiling Point:	Not applicable
Bulk Density:	0.7 - 0.8 g/cm ³
Flash Point:	Not exhibited
Melting Point:	Not applicable.
Odour:	Faint characteristic odour
Water Solubility:	Infinite

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>
Respiratory Protection:	Not normally required.
Hand Protection:	Suitable skin protection should be worn when using this product, i.e. rubber or plastic 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.
Exposure Standards:	None allocated.
Engineering Controls:	Ensure adequate ventilation, especially in confined areas.

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.
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 storm water drains, natural waterways or sewer system. Toxic to fish.
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. Contain wet product with sand or soil.

7.0 Contact Point

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

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