

Product Data Sheet (PDS)

**NEWDEF®1 FLUORIDE REMOVAL MEDIA**

Section 1 Chemical Product and Company Identification		
Chemical product name	NEWDEF®1 FLUORIDE REMOVAL MEDIA	
HS Code	3802900090	
Recommended use	FLUORIDE REMOVAL FOR WATER TREATMENT	
Supplier name	Waterequip	
Address	5/28 Nevilles Street Underwood	
Phone number	0721047973	
Fax		
E-mail	Sales@Waterequip.com.au	
Section 2 Physical and Chemical Properties		
Physical State	Solid	
Colour	White	
Particle Size	0.5-1.5mm	
Solubility	insoluble in water	
BulkDensity	1.26-1.41g/ml	
Moisture content	≤5%	
Section 3 Operating Conditions		
Bed Depth	≥1000mm	
Maximum Service Flow	15m³/hr/ton	
Regenerant	NaOH	
Regeneration concentration	3~5%	
Maximum Operating Temperature	40℃max	
Regeneration Time	≥3h	
Rinse Volume	6~10m³/ton	
Section 4 Component On Ingredient		
Chemical name	CasNo.	Percent(% by weight)
limestone	1317-65-3	≥70
Hydroxylapatite(Ca <sub>5</sub> (OH)(PO <sub>4</sub> ) <sub>3</sub> )	1306-06-5	≤30
Section 5 fluoride removal uptake Capacity		
Depend on including but not limited the water quality of raw water, operating conditions.		
Section 6 Packing		
woven bags(lined with plastic bag)	25kg/bag or 1ton/bag	

