

# EM Application Guideline in Times of Disaster

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Example of Use	Dilution Guide ( Dilute AEM* with Water )	Methods	Effects	Remarks
Toilet/Restroom	50 - 100 times	Spray to the cause of odor	Reduce the foul odor and prevention of recurrence	Scatter EM Bokashi in the case of lack of flushing water
Oils/Chemical Pollution	10 - 20 times	Scatter the diluted AEM once a week until the foul smell is reduced	Resolve oils and chemical materials	
※For heavy pollution	50 times with rice bran (3% of volume) and molasses (1% of weight)	Scatter the mixture of the diluted AEM, rice bran, and molasses		It is more effective if adding rice bran and molasses a little more than the specified volume in Dilution Guide column
Foul Smell and Dust (in doors)	500 - 1,000 times	Spray couple of times a day	Reduce dusts and body smell, and prevention of getting dirt	
※Place with poor ventilation	200 - 300 times	Spray couple of times a day		
Substitute for Taking A Shower	100 - 200 times	Wipe your body with a towel steeped in the diluted AEM once in every 3 - 7 days	Prevention of getting dirt and skin troubles and keep good sanitary conditions	Applicable for washing hair as well
Reusing Bathtub Water		Add 20-30ml of AEM / bathtub (300L)	Possible to reuse after filtering the water with a sheet of cloth	More effective when adding EM ceramics powder by 0.01% of volume
Washing Hands	100 - 200 times	Spray to or dip your hands in	Control minor germs and microbes	
Water for Generally Use (Non-Drinking Water)	1,000 times	Addition	Reduce minor germs after 2-3 hours	More effective when adding EM ceramics powder by 0.01% of volume
Cooking Ingredients	100 times	Dip vegetables and meats in the diluted AEM before cooking	Prevention of food poisoning and control colon bacillus	
Contaminated House and Land	100 - 200 times	• Scatter the diluted AEM on the contaminated part (with a water pot) until the odor is reduced	Reduce various contamination and odor fundamentally	Use of the high pressure washer is more effective
Contaminated Rice Field and Vast Land		Scatter 50 - 100L per 10 are		
Building/Construction		Mix AEM (5% to water) and EM ceramics powder (0.1% of the cement weight) in cement	Strengthen concrete and increase the endurance of concrete due to the increase of surfactant potency	
Soils at Construction Sites	50 - 100 times	Scatter 1 ton of AEM with EM ceramics powder (0.1% of volume) per 10 are	<ul style="list-style-type: none"> <li>• Anti-oxidation of soils</li> <li>• Improvement of aseismic performance</li> <li>• Promote comfortable space</li> </ul>	

\*AEM= Activated EM

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