

# Chemical Safety Practices Recommendations

## Imject Alum (Magnesium Hydroxide+Aluminum Hydroxide Solution)

### Exposure Hazards (1)

No Known Hazards

### Response to Exposure

Oral	Dermal	Inhalation	Injection
Rinse mouth with clean water.	Wash skin and/or rinse eyes with clean water.	Remove to fresh air and apply supportive measures if breathing difficulties develop.	All needle sticks should be reported to OHS. There may be risks relevant to the antigenic material combined with Imject® Alum.
<b>Special Precautions</b>	None		
<b>Personal Protective Equipment</b>	None		
<b>Engineering Controls</b>	None		
<b>Animal Handling</b>	No special precautions.		
<b>Bedding Disposal</b>	No special precautions.		
<b>Work Practices</b>	Observe standard LASP procedures.		

**References:**

1. Imject Alum MSDS [Internet]. Thermo Scientific. 2014 [cited 11/25/2014]. Available from: <http://www.piercenet.com/product/imject-alum-adjuvant>.
2. Hem SL, Johnston CT, HogenEsch H. Imject Alum is not aluminum hydroxide adjuvant or aluminum phosphate adjuvant. *Vaccine*. 2007;25(27):4985-6.

Imject® Alum is an adjuvant agent combined with an antigenic material to produce a strong immune response in injected animals. It is a mixture of approximately 4% magnesium hydroxide and 4% aluminum hydroxycarbonate, and while not used as an adjuvant in humans, is virtually the same chemical composition as Regular Strength Maalox®.(2)