

## WHOI Hazardous Material Inventory Form

Please complete this form to provide us with information about any hazardous material you will be taking on your cruise TWO WEEKS BEFORE THE CRUISE STARTS. Once you have filled out the form, hit submit and a completed form will be shown for you to print and add to your records. If you have any questions, please contact Dave Fisichella at [\(508\) 289-3777](tel:5082893777) or [dfisichella@whoi.edu](mailto:dfisichella@whoi.edu) or Eric Benway at [\(508\) 289-3770](tel:5082893770) or [ebenway@whoi.edu](mailto:ebenway@whoi.edu). Thank you.

### General Information

<b>*Name:</b>	<input type="text" value="Erin Markham"/>	<b>Vessel:</b>	<input type="text" value="Knorr"/>
<b>Voyage Dates:</b>	<input type="text" value="March 25 - May 9, 2013"/>	<b>Chief Scientist:</b>	<input type="text" value="Elizabeth Kujawinski"/>
<b>Loading Date:</b>	<input type="text" value="January 11, 2013"/>	<b>Loading Port:</b>	<input type="text" value="Woods Hole"/>
<b>Removal Date:</b>	<input type="text" value="June 19, 2013"/>	<b>Removal Port:</b>	<input type="text" value="Woods Hole"/>
<b>*Email:</b>	<input type="text" value="erinemarkham@gmail.com"/>		

### Disposal and Transportation - UNOLS Research Vessel Safety Standards 9.2

The Chief Scientist will be responsible for the proper transportation, shipping and disposal of hazardous materials and waste, including empty containers, associated with their project. Transportation and disposal must be carried out in accordance with Federal, State and Local regulations. In no case will this responsibility be passed to the ship's crew or operating institution unless specifically arranged in advance.

#### Removal Plan Details:

### MSDS

All Hazardous Material MUST be accompanied by a Material Safety Data Sheet (MSDS)

### Chemical Spill/Emergency Response

The scientific party will be responsible for supplying neutralizing agents, buffers, antidotes and/or absorbents in the amounts adequate to address emergencies or spills of a size equal to the amount of any chemicals brought aboard. This spill/emergency response material must accompany the chemicals when they come aboard.

**ALL CHEMICAL CONTAINERS MUST BE LABELED WITH: PI'S NAME, CRUISE NUMBER**

**AND CHEMICAL NAME**

The Chief Scientist is responsible for confirming that hazardous materials users are trained in their use. (PPE) Personal Protective Equipment and clothing must be provided by the user

**Hazardous Materials**

Hazardous Material	Amount	Concentration	Neutralizer Buffer Absorbent Antidote	MSDS
Acetone	4L	>99%	Absorbent	CAS-No. 6
Methanol	8L	>99%	Absorbent	CAS-No. 6
Hydrochloric Acid	1L	10%	Absorbent	CAS-No. 7