



WHOI Hazardous Material Inventory Form

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Form

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Text Size: 

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 or dfisichella@whoi.edu or Eric Benway at (508) 289-3770 or ebenway@whoi.edu. Thank you.

General Information

*Name:	Erin Eggleston	Vessel:	R/V Knorr
Voyage Dates:	3/25 - 5/9/13	Chief Scientist:	Elizabeth Kujawinski
Loading Date:	1/10/13	Loading Port:	Woods Hole
Removal Date:	6/9/13	Removal Port:	Woods Hole
*Email:	eme47@cornell.edu		

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: Left-over reagents (anticipated ~ 2L of Formaldehyde, 0.5L of glycerol, 0.1 kg of NaN₃) will be shipped from Woods Hole directly to Cornell University by ICAO/EH&S certified shipper, which will be in manufacturer-supplied containers. All remaining reagents will be used up during the voyage.

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

Page: 1 of 1

Hazardous Materials

Hazardous Material	Amount	Concentration	Neutralizer Buffer Absorbent Antidote	MSDS
Formaldehyde	4L	37% aq Solu	Absorbant sl	Supplied
Hydrochloric Acid	8L	20N	Bicarbonate	Supplied
Mitomycin C	4 mg	Solid	Paper towels	Supplied
Phosphate Buffered Saline	1L	10X Solution	None	Supplied
p-phenylenediamine	25g	Solid	None, water	Supplied
Glycerol	500 ml	n/a	None needed	Supplied
Sodium azide	250g	Solid	Water dilutio	Supplied

Submit & Print

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