Cleaning New Niskins Originated by James Caison (BIOS) on 2/3/2012

Originated by James Caison (BIOS) on Fri, 3 Feb 2012

Hi,

We have some new Niskins here and I am wondering if anyone would share their experiences or thoughts on cleaning them before first use? It seems there are some differences of opinion on what to use or not use.

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| James Caison |
| Marine Technical Services - R/V Atlantic Explorer |
| Bermuda Institute of Ocean Sciences |

Reply From: Hannuman Bull (IFE) on Fri, 3 Feb 2012

James,

The scientists onboard a vessel I worked on were using Dawn. This was around the Horizon oil spill, so it was good for removing oil residue.

http://docs.lib.noaa.gov/noaa_documents/DWH_IR/DWH_documents_NCDDC/Archive%20Prep_/Ocean_Veritas/Cruise_20/0-data/Cruise_Documents/Misc_Docs_/RV_Ocean_Veritas_Water_Sampling_SOP.pdf

Hannuman Bull Data Engineer - E/V Nautilus Institute For Exploration

Reply From Stuart Halewood (UCSB) on Fri, 03 Feb 2012

Hi James,

Cheers

Spoke to the Carlson lab here and they agree with what I remembered from BBSR days, which was washing the bottles with 10% HCL solution then plenty of water.

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| Stuart | | | |
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1 of 2 7/11/14 11:26 AM

Reply From Susan Becker (UCSD) on Fri, 03 Feb 2012

We start out with a wash with a soap solution (no phosphate in the soap, simple green works), followed by the 10% HCl rinse then lots of DW....

Cheers

Susan

2 of 2