To: Sayles, Gregory[Sayles.Gregory@epa.gov]
Cc: Lindquist, Alan[Lindquist.Alan@epa.gov]; Clark, Becki[Clark.Becki@epa.gov]
From: Magnuson, Matthew
Sent: Wed 1/22/2014 8:59:07 PM
Subject: RE: Additional chemical was in Tank 396 with the MCHM that was leaked (Freedom
propylene glycol phenyl ether treatability and fate suggestions jan 22.docx
inchem propylene glycol phenyl ether.pdf

Becki/Greg,

Please see the attached. Not to speculate what else might be in the tank, but a search of commercial cleaners for mined products suggest that in addition to gycols and methylcyclohexane methanol, other solvents like 2-ethyl hexanol, may be fairly common place.

Please let me know any questions.
Matthew

-----Original Message-----
From: Sayles, Gregory
Sent: Wednesday, January 22, 2014 9:25 AM
To: Magnuson, Matthew
Cc: Lindquist, Alan; Clark, Becki
Subject: FW: Additional chemical was in Tank 396 with the MCHM that was leaked (Freedom
Importance: High

Matthew - You have probably heard of the discovery of other chemicals in the tank at WV. Please see the email below and the attached info on the chemicals. Can you please provide me and Becki Clark ASAP any thoughts you have on treatability of these glycols by conventional treatment or any other thoughts you have.

Thanks
Greg

-----Original Message-----
From: Clark, Becki
Sent: Wednesday, January 22, 2014 8:14 AM
To: Sayles, Gregory
Subject: Fw: Additional chemical was in Tank 396 with the MCHM that was leaked (Freedom
Importance: High

Here it is with the attachments.

From: Weis, Christopher (NIH/NIEHS) [E] <christopher.weis@nih.gov>
Sent: Tuesday, January 21, 2014 6:29:43 PM
To: Clark, Becki
Subject: FW: Additional chemical was in Tank 396 with the MCHM that was leaked (Freedom

Becki,

I thought you should see this emerging information from the Elk River Spill. If you could share it with the EPA review team, I would appreciate it.

Thanks,

Chris

Christopher P. Weis, Ph.D., DABT
Toxicology Liaison/Senior Advisor
Office of the Director
National Institutes of Health
National Institute for Environmental Health Science
31 Center Street, Room B1C02
Bethesda, MD 20892-2256

PH: 301.496.3511

From: "Kapil, Vikas (CDC/ONDIEH/NCEH)" <vck3@cdc.gov<mailto:vck3@cdc.gov>>
Date: Tue, 21 Jan 2014 15:21:08 -0500
To: Christopher Weis <Christopher.Weis@NIH.gov<mailto:Christopher.Weis@NIH.gov>>
Subject: FW: Additional chemical was in Tank 396 with the MCHM that was leaked (Freedom

MSDSs attached .as discussed Chris. Please give me a call if you have thoughts .note the LD50 and some comments on cancer info.

Thanks again,

Vik

From: Werner, Lora S. (CDC epa.gov)
Sent: Tuesday, January 21, 2014 11:10 AM
To: Helverson, Robert (CDC epa.gov); Markiewicz, Karl (EPA) (CDC epa.gov); Cseh, Larry (ATSDR/DTHHS/OD); Kapil, Vikas (CDC/ONDIEH/NCEH); Holler, James S. (Jim) (ATSDR/DTHHS/OD); Murray, Ed (ATSDR/DTHHS/OD); Wheeler, John (ATSDR/DTHHS/OD); Welsh, Clement (ATSDR/DTHHS/OD)
Subject: Fw: Additional chemical was in Tank 396 with the MCHM that was leaked (Freedom

Please see below from EPA R3.

Ed, can Larry and your group review the tox info on this additional chemical for our internal purposes as soon as possible?

We can discuss this at our 4 pm with Robin and determine how to discuss with the state. I am sure at least their environmental state folks are also aware of this now too, and we can expect the health folks to ask our opinion soon is my guess.

Lora

From: Linden, melissa
Sent: Tuesday, January 21, 2014 10:55:45 AM
To: Burns, Francis; Kelly, Jack (R3 Phila.); Werner, Lora
Subject: Additional chemical was in Tank 396 with the MCHM that was leaked

Good morning,

During the 10am meeting with Freedom Industries this morning we were told that there was a mixture in Tank 396, instead of just MCHM. The mixture was approximately 5.6% of the PPH which can be found in the attached MSDS sheet from published by Freedom Industries. The PPH is a combination of the two products from DOW which are also attached to this email. Approximately 300 gallons of the PPH with 6251 gallons of MCHM for the total release (including what is still in the soil and what made it to the river).

Thanks,

Melissa Linden

On-Scene Coordinator

Western Response Branch (3HS32)

Hazardous Site Cleanup Division

1060 Chapline St. Suite 401

Wheeling, WV 26003

Phone: 304-234-0251

From: Ex. 6 - Personal Privacy @TechLawInc.com>>
Sent: Tuesday, January 21, 2014 10:40 AM
To: sharma, raj; Linden, melissa
Subject: MSDS for PPH

Hello,

Attached, please find the three MSDS for the PPH.

Thanks,

Ex. 6 - Personal Privacy

Techlaw, Inc
2208 Warwood Ave
Wheeling, WV 26003

Ex. 6 - Personal Privacy