To: Davis, Joe[davis.joe@epa.gov]
From: Buchholz, Ken
Sent: Fri 10/21/2016 9:07:55 PM
Subject: FW: Chlorine Resources

Include a bullet in your update (health contact info)

From: Doherty, Paul
Sent: Friday, October 21, 2016 4:00 PM
To: Buchholz, Ken <Buchholz.Kenneth@epa.gov>; Davis, Michael B. <Davis.MichaelB@epa.gov>; Brown, Randolph <Brown.Randolph@epa.gov>
Subject: Fwd: Chlorine Resources

Sent from my iPhone
Begin forwarded message:

> **From:** "Kokko, Cory" <Kokko.Cory@epa.gov>
> **Date:** October 21, 2016 at 3:58:38 PM CDT
> **To:** "Doherty, Paul" <Doherty.Paul@epa.gov>
> **Subject: Fwd: Chlorine Resources**

LCDR Cory M Kokko, MPH
Environmental Health Officer
United States Public Health Service
Stationed at Agency for Toxic Substances and Disease Registry (ATSDR)
Regional Representative: Region 7, Kansas City
Guc0@cdc.gov
913-217-5981
Begin forwarded message:

> **From:** Farah Ahmed <Farah.Ahmed@ks.gov>
> **Date:** October 21, 2016 at 3:32:41 PM CDT
> **To:** "Pyakuryal, Kumud" <Pyakuryal.Kumud@epa.gov>
> **Cc:** "Buchholz, Ken" <Buchholz.Kenneth@epa.gov>, "Davis, Joe" <Davis.Joe@epa.gov>, "Bryan, David" <Bryan.David@epa.gov>, "Kokko, Cory" <Kokko.Cory@epa.gov>, "Beringer, Mike" <Beringer.Michael@epa.gov>, "Doherty, Paul" <Doherty.Paul@epa.gov>, "Ferguson, Doug" <Ferguson.Doug@epa.gov>, "Brown, Randy" <Brown03.Randy@epa.gov>, "Williams, David (R7)" <Williams.Dave@epa.gov>, "Ruiz, Adam" <Ruiz.Adam@epa.gov>, Kent Schierkolk <Kent.Schierkolk@ks.gov>, Bob Jurgens <Bob.Jurgens@ks.gov>, Joe Dornes <Joe.Dornes@ks.gov>
> **Subject: RE: Chlorine Resources**
>
> KDHE has been in touch with Kristy Callahan at the local health department. She is headed over to incident command. We will be providing her with some talking point about health effects etc. since she might be bombarded with questions when she gets there. If someone from ATSDR is available to help put together some talking points, that might be helpful so that we are all on the same page.
>
> KDHE will be sending someone as well, it will either be myself or Charlie Hunt (State Epidemiologist). It will just take us a little bit of time to get there.
>
> Farah S. Ahmed, MPH, PhD
> Environmental Health Officer
> Kansas Department of Health and Environment
> Bureau of Epidemiology and Public Health Informatics
> Curtis State Office Building

1000 SW Jackson St., Suite 330 Topeka, KS 66612-1365
Phone: (785) 296-6426 Fax: 1-877-427-7318
Email: fahmed@kdheks.gov
EpiHotline: 1-877-427-7317

From: Pyakuryal, Kumud [mailto:Pyakuryal.Kumud@epa.gov]
Sent: Friday, October 21, 2016 3:02 PM
To: Farah Ahmed <Farah.Ahmed@ks.gov>
Cc: Buchholz, Ken <Buchholz.Kenneth@epa.gov>; Davis, Joe <Davis.Joe@epa.gov>; Bryan, David <Bryan.David@epa.gov>; Kokko, Cory <Kokko.Cory@epa.gov>; Beringer, Mike <Beringer.Michael@epa.gov>; Doherty, Paul <Doherty.Paul@epa.gov>; Ferguson, Doug <Ferguson.Doug@epa.gov>; Brown, Randy <Brown03.Randy@epa.gov>; Williams, David (R7) <Williams.Dave@epa.gov>; Ruiz, Adam <Ruiz.Adam@epa.gov>; Kent Schierkolk <Kent.Schierkolk@ks.gov>; Bob Jurgens <Bob.Jurgens@ks.gov>; Joe Dornes <Joe.Dornes@ks.gov>
Subject: FW: Chlorine Resources

FYI – update.

From: Doherty, Paul
Sent: Friday, October 21, 2016 2:58 PM
To: treyc@cityofatchison.com; patw@cityofatchison.com; wlanter@atcoks.com; jcoleman@kdheks.gov; munim.hussain@mgpingedients.com
Cc: kokko.corey@epa.gov; Buchholz, Ken <Buchholz.Kenneth@epa.gov>; Pyakuryal, Kumud <Pyakuryal.Kumud@epa.gov>; Ferguson, Doug <Ferguson.Doug@epa.gov>
Subject: Re: Chlorine Resources

Regarding previous email, ATSDR will coordinate with KS Bureau of Epidemiology and decide who will be lead agency to field further inquiries regarding health risk questions.

Feel free to contact Corey if you have any immediate concerns.

ped

Sent from my iPhone
On Oct 21, 2016, at 2:44 PM, Doherty, Paul <Doherty.Paul@epa.gov> wrote:

> Sent from my iPhone
> Begin forwarded message:
>
> **From:** "Kokko, Cory" <Kokko.Cory@epa.gov>
> **Date:** October 21, 2016 at 2:33:10 PM CDT
> **To:** "Doherty, Paul" <Doherty.Paul@epa.gov>
> **Subject: Fwd: Chlorine Resources**
>
> Attachments included
>
> LCDR Cory M Kokko, MPH
> Environmental Health Officer
> United States Public Health Service
> Stationed at Agency for Toxic Substances and Disease Registry (ATSDR)
> Regional Representative: Region 7, Kansas City
> Guc0@cdc.gov
> 913-217-5981

Begin forwarded message:

From: "Nickle, Richard (ATSDR/DTHHS/OD)" <ran2@cdc.gov>
Date: October 21, 2016 at 2:08:51 PM CDT
To: "Kokko, Cory" <Kokko.Cory@epa.gov>
Cc: "Edge, Charles (ATSDR/DTHHS/OD)" <ibd7@cdc.gov>, "Williams, Spencer" <Williams.Spencer@epa.gov>, "Evans, Erin" <Evans.Erin@epa.gov>, "Holler, James S. (Jim) (ATSDR/DTHHS/OD)" <jsh2@cdc.gov>
Subject: Chlorine Resources

Cory, attached are the ToxFAQ for the general public, the ToxGuide for County Health Types, and the Medical Management Guide for Chlorine. The Patient Information Sheet (Section 5 of the MMG) also has laymen term language; thought most people use sections 3 and 4. At the links below my signature is our Tox Profile; the graphics in the health effects sections make pretty effective slides.

Since it was once a chemical warfare agent, the CDC Emergency Webpage for Chlorine has things like case definitions for surveillance and other products. You can also call 7100 and talk with Charles to start with.

Richard A. Nickle, MPH
ATSDR Emergency Response
Atlanta, GA
ran2@cdc.gov
770-488-3343 (Office)
404-791-7951 (Mobile)
770-488-7100(24/7 Emergency)
- *Ask for the ATSDR Duty Officer*

https://www.atsdr.cdc.gov/toxprofiles/tp.asp?id=1079&tid=36

https://emergency.cdc.gov/agent/chlorine/index.asp

From: Kokko, Cory (CDC epa.gov)
Sent: Friday, October 21, 2016 2:50 PM
To: Nickle, Richard (ATSDR/DTHHS/OD) <ran2@cdc.gov>
Cc: Edge, Charles (ATSDR/DTHHS/OD) <ibd7@cdc.gov>; Williams, Edward (CDC epa.gov) <williams.spencer@epa.gov>; Evans, Erin (CDC epa.gov) <evans.erin@epa.gov>; Holler, James S. (Jim) (ATSDR/DTHHS/OD) <jsh2@cdc.gov>
Subject: Re: Google Alert - chemical spill

Also fact sheet, and health advisory in addition to faq.

LCDR Cory M Kokko, MPH
Environmental Health Officer

United States Public Health Service
Stationed at Agency for Toxic Substances and Disease Registry
(ATSDR)
Regional Representative: Region 7, Kansas City
Guc0@cdc.gov
913-217-5981
On Oct 21, 2016, at 1:48 PM, Kokko, Cory <Kokko.Cory@epa.gov> wrote:

> Do we have a FAQ on chlorine vapor exposure? Atsdr R7 has been asked for this. We may also be responding on scene.
>
> LCDR Cory M Kokko, MPH
> Environmental Health Officer
> United States Public Health Service
> Stationed at Agency for Toxic Substances and Disease Registry
> (ATSDR)
> Regional Representative: Region 7, Kansas City
> Guc0@cdc.gov
> 913-217-5981
> On Oct 21, 2016, at 10:39 AM, Nickle, Richard (ATSDR/DTHHS/OD) <ran2@cdc.gov> wrote:
>
>> Something to watch. Attached are some screen shots from Google Earth. Winds blowing the cloud just slightly east of due north. There are air plume dispersion models in the media reports; be careful about them because the initiating action is a chemical reaction. They can't be very confident about the emission rates.
>>
>> From: Google Alerts [mailto:googlealerts-noreply@google.com]
>> Sent: Friday, October 21, 2016 10:54 AM
>> To: Nickle, Richard (ATSDR/DTHHS/OD) <ran2@cdc.gov>
>> Subject: Google Alert - chemical spill
>>
>> [Google]<https://www.goo

gle.com/alerts?source=alertsmail&hl=en&gl=US&msgid=MjQzMTQ0MzcxMjgyNzM3NjUzNg>

chemical spill

As-it-happens update ·

October 21, 2016

NEWS

BREAKING: Major chemical spill reported at grain company in Atchison, Kansas <https://www.google.com/url?rct=j&sa=t&url=http://www.kshb.com/news/state/kansas/breaking-major-chemical-spill-reported-at-grain-company-in-atchison-kansas&ct=ga&cd=CAEYACoTMjQzMTQ0MzcxMjgyNzM3NjUzNjIaOTYxZGE4Y2I1MzFhNTE3MTpjb206ZW46VVM&usg=AFQjCNG4_1a75dzzEQSV9OT5iR5MseXPAQ>
KSHB
A chemical spill has been reported at MGP Ingredients Inc. in Atchison, Kansas. According to the Atchison City Manager's Office, the chemical leak ...
[Google Plus]<https://www.google.com/alerts/share?hl=en&gl=US&ru=http://www.kshb.com/news/state/kansas/breaking-major-chemical-spill-reported-at-grain-company-in-atchison-kansas&ss=gp&rt=BREAKING:+Major+chemical+spill+reported+at+grain+company+in+Atchison,+Kansas&cd=KhMyNDMxNDQzN

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breaking-major-chemical-
spill-reported-at-grain-
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chemical-spill-reported-at-
grain-company-in-atchison-
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NjUzNg&s=AB2Xq4hZ1r
Lt7BVNQeUCwZYb30LO
zhbxgEmPB7w>

Chemical spill reported at MGP Ingredients, people asked to avoid the area <https://www.google.com/url?rct=j&sa=t&url=http://fox4kc.com/2016/10/21/chemical-spill-reported-at-mgp-ingredients-people-asked-to-avoid-the-area/&ct=ga&cd=CAEYASoTMjQzMTQ0MzcxMjgyNzM3NjUzNjIaOTYxZGE4Y2I1MzFhNTE3MTpjb206ZW46VVM&usg=AFQjCNG477gRXc5RU9zPHtkty6ux88_WaA>
fox4kc.com
ATCHISON, Kan. — A chemical spill in Atchison, Kan., Friday morning has emergency crews asking people to avoid the area. Atchison County ...
Chemical spill at MGP Ingredients reported in Atchison, Kan.<https://www.google.com/url?rct=j&sa=t&url=http://www.kansascity.com/news/local/article109613237.html&ct=ga&cd=CAEYASoTMjQzMTQ0MzcxMjgyNzM3NjUzNjIaOTYxZGE4Y2I1MzFhNTE3MTpjb206ZW46VVM&usg=AFQjCNGqjthpMBLZQwc0IGYg4zghOYilig> - Kansas City Star
Chemical spill causes emergency situation in Atchison<https://www.google.com/url?rct=j&sa=t&url=http://www.newspressnow.com/news/local_news/chemical-spill-causes-emergency-situation-in-atchison/article_02f08433-ed08-5bff-93f3-aebb70c5d306.html&ct=ga&cd=CAEYASoTMjQzMTQ0MzcxMjgyNzM3NjUzNjIaOTYxZGE4Y2I1MzFhNTE3MTpjb206ZW46V

VM&usg=AFQjCNH-xb0fdy40He7o8-NtrebUrwyDaA> - News-Press Now
Emergency Crews Respond to Chemical Spill in Atchison<https://www.google.com/url?rct=j&sa=t&url=http://www.stjoechannel.com/news/local-news/emergency-crews-respond-to-chemical-spill-in-atchison&ct=ga&cd=CAEYASoTMjQzMTQ0MzcxMjgyNzM3NjUzNjIaOTYxZGE4Y2I1MzFhNTE3MTpjb206ZW46VVM&usg=AFQjCNG_KVHU8IEmhbk0PiyVJaANw427Ig> - stjoechannel.com
Full Coverage <http://news.google.com/news/story?ncl=http://fox4kc.com/2016/10/21/chemical-spill-reported-at-mgp-ingredients-people-asked-to-avoid-the-area/&hl=en&geo=US>
[Google Plus]<https://www.google.com/alerts/share?hl=en&gl=US&ru=http://fox4kc.com/2016/10/21/chemical-spill-reported-at-mgp-ingredients-people-asked-to-avoid-the-area/&ss=gp&rt=Chemical+spill+reported+at+MGP+Ingredients,+people+asked+to+avoid+the+area&cd=KhMyNDMxNDQzNzEyODI3Mzc2NTM2Mho5NjFkYThjYjUzMWE1MTcxOmNvbTplbjpVUw&ssp=AMJHsmXdSx0qzt7x64gwKM87BYtTtavHDQ>

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Chemical spill in Atchison,
Kansas, spurs warnings
from authorities
<https://www.google.com/
url?rct=j&sa=t&url=http://
www.cnn.com/2016/10/21/
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CNN
(CNN) A chemical spill in Atchison, Kansas, Friday sent a plume of fog into the air and spurred warnings from officials. On social media, emergency ...
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