Message

From: Chow, Alice [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B446A8F46F6447EE8294845B0A066623-ACHOW]
Sent: 4/25/2019 7:21:04 PM
To: Flores, Patricia [flores.patricia@epa.gov]
CC: Fry, Jessica [fry.jessica@epa.gov]
Subject: RE: Ethylene Oxide RMP Facilities in R3

Thanks, Pat! These actually look familiar so thank goodness there's nothing unusual. I am forwarding this to Jessie for her information.

Alice H. Chow
Chief, Air Quality Analysis Branch (3AD40)
USEPA, Region 3
Phone: 215-814-2144
Email: chow.alice@epa.gov

From: Flores, Patricia
Sent: Thursday, April 25, 2019 3:13 PM
To: Chow, Alice <chow.alice@epa.gov>
Subject: FW: Ethylene Oxide RMP Facilities in R3

Alice,

FYI. Below are the Region 3 facilities that have ethylene oxide onsite that have filed with the RMP Program. The RMP threshold quantity for ethylene oxide is 10,000 pounds. This means the facility must have over 10,000 pounds of ethylene oxide to be considered an RMP facility for accidental release prevention under CAA Section 112r.

These facilities do not necessarily have continuous or intermittent emissions as part of their processes. Notice that the facility, B Braun Med Inc in Allentown, PA, is not part of the RMP list. This facility was listed as the major source of ethylene oxide and cancer risk in the 2014 NATA data Allentown-Bethlehem-Easton-NJ MSA. I assume they don't keep a standing inventory of over 10,000 pounds.

Let me know if you find any of this information useful. There are also CR-ERNS reports that facilities file that report emissions greater than the reportable quantity (RQ) for continuous or intermittent emissions if the emissions are not covered by a permit. These reports are all paper files, and many of theme are outdated. (Every once in a while we try to figure out what to do with them.) The RQ for ethylene oxide is 10 pounds.

- Pat

Patricia I. Flores-Brown
Environmental Scientist
Air Quality Analysis Branch (3AD40)
Air and Radiation Division
U.S. EPA, Region 3
flores.patricia@epa.gov
phone: 215-814-2193

From: Hunt, Mary
Sent: Thursday, April 25, 2019 2:18 PM
To: Flores, Patricia <flores.patricia@epa.gov>
Cc: Welsh, Mike <Welsh.Mike@epa.gov>
Subject: RE: Ethylene Oxide RMP Facilities in R3

RMP Facility Name/Address	(1) Ethylene Oxide (lbs)	(2) Ethylene Oxide (lbs)	(3) Ethylene Oxide (lbs)
Croda, Inc. Atlas Point 315 Cherry Lane New Castle, DE 19720	1,433,200	500,000	460,000
Croda, Inc. Mill Hall 8 Croda Way Mill Hall, PA 17751	175,000		
Lonza, Inc. 3500 Trenton Ave Williamsport, PA 17701	133,000		
Evonik Corp 914 East Randolph Rd Hopewell, VA 23860	198,414		
Hercules – Hopewell Plant 1111 Hercules Road Hopewell, VA 23860	620,000		
Covestro LLC Martinsville 17595 Energy Road Proctor, WV 26055	210,000		
Covestro South Charleston 437 MacCorkle Ave South Charleston, WV 25303	12,000		
ICL-IP America Inc. 11636 Huntington Rd Gallipolis Ferry, WV 25515	210,000		
Navy Yard Union Carbide (Dow) WV State Route 25 Institute, WV 25112	9,350,000		
South Charleston Plant Union Carbide Crop (Dow) 437 MacCorkle Ave South Charleston, WV 25303	24,000	47,000	19,000
Union Carbide Institute Plant (Dow) WV State Rt 25 Institute, WV 25112	1,770,000	1,777,000	3,060,000

From: Flores, Patricia
Sent: Thursday, April 25, 2019 1:34 PM
To: Hunt, Mary <Hunt.Mary@epa.gov>
Subject: Ethylene Oxide RMP Facilities

Mary,

Is it possible to get a list of the facilities in the Region that are RMP for ethylene oxide including how much of the ethylene oxide they have on site? If it's too involved, please, just let me know.

Thanks!
- Pat

Patricia I. Flores-Brown
Environmental Scientist
Air Quality Analysis Branch (3AD40)
Air and Radiation Division
U.S. EPA, Region 3
flores.patricia@epa.gov
phone: 215-814-2193