

DATE: January 20, 2017

TO: Tania Steele

FROM: Eshetu Beshada, Ph.D., P.Eng.
Environmental Engineer
Municipal and Industrial Section

SUBJECT: **File 5844.00 – Univar Inc. Operating as Univar Canada Ltd.. – Information for Public Registry**

Tania,

Please find attached the TAC correspondence related to Univar Canada Ltd. – Bulk Materials Handling Facility file (5844.00) for distribution to the public registries. The documents included are:

- January 18, 2017 email from Univar Canada, 1 page

1 page total

Thank you.

Eshetu Beshada, Ph.D., P. Eng.

Beshada, Eshetu (SD)

Importance: High

From: Darrell Vesa [<mailto:Darrell.Vesa@univar.com>]
Sent: January-18-17 11:23 AM
To: Beshada, Eshetu (SD)
Subject: RE: File 5844 - Univar Canada - TAC Comments for Response
Importance: High

Hi Eshetu.

In response to the following comments

1. Please describe in detail the blending process and how the products are handles/mixed. What procedures are in place to clean the blending tanks and how often does this take place?
Our stainless steel blend tank holds 900 gallons and has a cone shape bottom to allow for 100% efficiency when emptying . Products are pumped into the blending tank through a hard piping system and we draw products from our storage tanks outside , from drums and totes. Once all the needed ingredients have been added to the blend tank the product is circulated through our piping system and back into the blend tank for a set period of time. Since we do everything by weight, the blend tanks sits on a scale that is calibrated quarterly. The majority of the blends we do are solvent based and the products are compatible so the blend tank does not get cleaned on a regular basis.
2. Are any containers, drums, or totes cleaned on site or reused for packaging ? If , so what is your cleaning process and how are the wastes generated from that process managed.
All our packaging is either new or re-conditioned . Great West Containers is our contractor for reconditioning and recertifying of our drums and totes. Great West collects any excess residue they may find in our containers prior to cleaning and will ship it back to us. We then work with Miller Environment or Clean Harbors for to disposal of this and all wastes.
3. The work instructions from transferring product indoors indicate that fumes are vented to the outdoors. Are there any filters or other pollution control devices used in the facility to minimize the emissions from the facility.
At this time there are no filters or pollution control devices used in the facility to minimize emissions . We do plan to introduce submerged filling later this year or next that will reduce vapor emissions.

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