

Salamasick, Tyler (DEQ)

VN Response

From: Steve Van Tuinen <SVanTuinen@wmuniform.com>
Sent: Friday, February 15, 2019 8:51 AM
To: Salamasick, Tyler (DEQ)
Subject: FW: MSDS



Steve Van Tuinen VP Operations/Owner
West Michigan Uniform | www.wmuniform.com
Office: 800.878.8770 ext. 112 | Cell: 616.218.5732
407 West 17th Street | Holland, MI 49423

Our Service is Our ONLY Contract

From: Steve Van Tuinen
Sent: Thursday, January 31, 2019 7:31 AM
To: 'Salamasick, Tyler (DEQ)' <SalamasickT1@michigan.gov>
Subject: FW: MSDS

See below from our chemical supplier.
Let me know if you need anything else. Or next step.
Thanks

From: Steve Starr <ssstarr@gurtler.com>
Sent: Wednesday, January 30, 2019 1:14 PM
To: Steve Van Tuinen <SVanTuinen@wmuniform.com>
Subject: Fwd: MSDS

See Eli information below.

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: Eli Cryderman <ecryderman@gurtler.com>
Date: 1/30/19 1:01 PM (GMT-05:00)
To: Steve Starr <ssstarr@gurtler.com>
Subject: RE: MSDS

Looks like the greatest volume of geSOFT used in a month was 81 gallons. Density of geSOFT is 8.33 pounds per gallon, or ~675 lbs. The amount of geSOFT used in a month is less than 1,000 lbs, meaning that even if geSOFT were 100% VOC, it would fall under the exemption.

Using the range on the SDS for ethanol, the maximum theoretical release would be between 6.75-67.5 lbs. The actual amount is <2% in the formulate product, so real release is about 13.5 lbs per month. Well below the exemption rule.

Don't know how to present this to the permit guy, but just by using the inventory for geSOFT, the disclosures on the SDS and some basic math, it's pretty clear that the release amounts are way under the exemption limits.

Let me know if you need anything else!

Eli Cryderman
Director - Technical Services
Gurtler Industries, Inc.
15475 South LaSalle St
South Holland, IL 60473
Phone: 800-638-7300 ext. 2368
Direct: 708-713-2368
Cell: 708-557-7031
Fax: 708-331-9087
ecryderman@gurtler.com

Take a moment to view our new, redesigned website: www.gurtler.com

CONFIDENTIAL: The information contained in or attached to this e-mail may be confidential or privileged information. This information is intended only for the recipient. You are hereby notified that any unauthorized use, disclosure, copying, or distribution of this information or attached documents is prohibited and may be unlawful. If you have received this information in error, please notify the sender immediately and destroy the document.

From: Steve Starr <ssarr@gurtler.com>
Sent: Tuesday, January 29, 2019 6:39 PM
To: Eli Cryderman <ecryderman@gurtler.com>
Subject: Fwd: MSDS

Any progress on this

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: Steve Van Tuinen <SVanTuinen@wmuniform.com>
Date: 1/28/19 1:20 PM (GMT-05:00)
To: Steve Starr <ssarr@gurtler.com>
Subject: RE: MSDS

Steve

Need you to get monthly usages to Eli so he can verify we can use Rule 290 exemption.

Thanks



Steve Van Tuinen VP Operations/Owner
West Michigan Uniform | www.wmuniform.com
Office: 800.878.8770 ext. 112 | Cell: 616.218.5732
407 West 17th Street | Holland, MI 49423

Our Service is Our ONLY Contract

From: Steve Starr <ssarr@gurtler.com>
Sent: Wednesday, January 23, 2019 12:39 PM

To: Steve Van Tuinen <SVanTuinen@wmuniform.com>

Subject: Fwd: MSDS

Answer part 2.

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: Eli Cryderman <ecryderman@gurtler.com>

Date: 1/23/19 12:00 PM (GMT-05:00)

To: Kevin McLaren <kmclaren@gurtler.com>, Steve Starr <sstarr@gurtler.com>

Cc: Mike Sutton <msutton@gurtler.com>, Jacob Gurtler <jgurtler@gurtler.com>

Subject: RE: MSDS

Piggy backing on that, the Rule 290 exemption allow for 1,000 pounds per month of noncarcinogenic VOC's. I'm guessing you're not using a lot of geSOFT and WMU would be able to take this exemption. Knowing the monthly usage of geSOFT is key and we can go from there.

Eli Cryderman

Director - Technical Services

Gurtler Industries, Inc.

15475 South LaSalle St

South Holland, IL 60473

Phone: 800-638-7300 ext. 2368

Direct: 708-713-2368

Cell: 708-557-7031

Fax: 708-331-9087

ecryderman@gurtler.com

Take a moment to view our new, redesigned website: www.gurtler.com

CONFIDENTIAL: The information contained in or attached to this e-mail may be confidential or privileged information. This information is intended only for the recipient. You are hereby notified that any unauthorized use, disclosure, copying, or distribution of this information or attached documents is prohibited and may be unlawful. If you have received this information in error, please notify the sender immediately and destroy the document.

From: Kevin McLaren <kmclaren@gurtler.com>

Sent: Wednesday, January 23, 2019 10:58 AM

To: Steve Starr <sstarr@gurtler.com>; Eli Cryderman <ecryderman@gurtler.com>

Cc: Mike Sutton <msutton@gurtler.com>; Jacob Gurtler <jgurtler@gurtler.com>

Subject: RE: MSDS

The Ge Soft SDS list Ethanol at 1.0 – 10.0 %, not 10.0%. The ethanol is a formulation component of the quaternary active(s) formulated into the softener product. If the WMU permits require an absence of ALL VOCs in all formulations, we could make an alternative softener available. I would think the WMU permits would have an allowance for VOC as trace formulation components.

If we knew the annual softener usage, we could calculate theoretical VOC contribution to the waste water stream.

Kevin P. McLaren

Kevin P. McLaren

Director - R&D

Gurtler Industries
15475 S. LaSalle St.
South Holland, Illinois 60473
(708) 331-2550 office
(708) 557-6889 cell

From: Steve Starr <ssarr@gurtler.com>
Sent: Wednesday, January 23, 2019 10:43 AM
To: Eli Cryderman <ecryderman@gurtler.com>; Kevin McLaren <kmclaren@gurtler.com>
Cc: Mike Sutton <msutton@gurtler.com>; Jacob Gurtler <jgurtler@gurtler.com>
Subject: Fwd: MSDS

I need a home office to get involved in an answer for this. See below.

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: Steve Van Tuinen <SVanTuinen@wmuniform.com>
Date: 1/23/19 11:01 AM (GMT-05:00)
To: Jacob Gurtler <jgurtler@gurtler.com>
Cc: Steve Starr <ssarr@gurtler.com>
Subject: Fwd: MSDS

See below.

Your input would be appreciated how to deal with this.

Begin forwarded message:

From: "Salamasick, Tyler (DEQ)" <SalamasickT1@michigan.gov>
Date: January 23, 2019 at 10:42:41 AM EST
To: Steve Van Tuinen <SVanTuinen@wmuniform.com>
Subject: RE: MSDS

Good morning Steve,

I have been reviewing the provided SDSs and came across one issue. The MDEQ exemption from requiring a permit (Rule 201 and Rule 281) requires that the fabric is only cleaned with water solutions of bleach, detergents, or laundry products that **do not contain volatile organic compounds**. Unfortunately the fabric softener "geSOFT" contains up to 10% ethanol, which is a VOC. This means that the process might need a permit to install, if it does not meet another exemption. It might be possible to use Rule 290, but this would require a closer look at what air contaminants are emitted and in what quantity. I have attached an electronic copy of the exemption handbook I provided you with during the inspection of your facility. Can you please get back to me on which exemption you believe would apply (or that you are going to apply for a permit).

If you have any questions about the above information, please feel free to email me or give me a call (616) 558-1281.

From: Salamasick, Tyler (DEQ)
Sent: Friday, January 4, 2019 8:28 AM
To: 'Steve Van Tuinen' <SVanTuinen@wmuniform.com>
Subject: RE: MSDS

Ok, thank you. I will call/ email you if I have any additional questions. Thank you for the prompt response, have a good weekend.

From: Steve Van Tuinen <SVanTuinen@wmuniform.com>
Sent: Friday, January 4, 2019 8:26 AM
To: Salamasick, Tyler (DEQ) <SalamasickT1@michigan.gov>
Subject: RE: MSDS

No stain proofing or waterproofing.