



Ashok Karmakar
<ashok.karmakar@zmai
l.ril.com>

10/31/2007 08:40 AM

To: Anil Kewalramani <Anil.Kewalramani@ril.com>
cc: Sujit Das <Sujit.Das@ril.com>, Laxmilal Jain <Laxmilal.Jain@ril.com>
Subject: Fwd: Antwort: Further clarification on VA stream

Reply received is attached

Regards,

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AK Karmakar
CTS Department
Vadodara Manufacturing Division
Mobile : 091-9998217260
Tel-Fax Off: 091-265-6693878
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----- Forwarded Message -----

From: "bernd heida" <bernd.heida@basf.com>
To: "Ashok Karmakar" <ashok.karmakar@zmail.ril.com>
Cc: "Laxmilal Jain" <laxmilal.jain@zmail.ril.com>, "stefan iselborn"
<stefan.iselborn@basf.com>
Sent: Tuesday, October 30, 2007 6:00:36 PM (GMT+0530) Asia/Calcutta
Subject: Antwort: Further clarification on VA stream

Dear Mr. Karmakar,

Indeed, hydrogenation is an interesting option for Acetylenes and other waste streams in the BD process in case you have no suitable home for them. However, economics have to be evaluated. Basically, there are three options:

- Full hydrogenation to LPG
- Hydrogenation to butenes to maximize the raffinate 1 stream
- Hydrogenation to BD to maximize the BD stream. One would expect, that this is the most economic alternative.

There are no specific requirements on the chilling system. You may take chilled water if the temperature is low enough, ammonia, propylene or whatever else you have.

For a deeper discussion, I suggest you get in touch with Dr. Stefan Iselborn, who is our Specialist for hydrogenation technology. Together, we can find the optimum configuration.

Please feel free to contact Mr. Iselborn:
Stefan.Iselborn@basf.com

Best regards,

Bernd Heida

Bernd Heida

Phone: +49 621 60-55338, Fax: +49 621 60-21033, E-Mail: bernd.heida@basf.com
Postal Address: BASF Aktiengesellschaft, E-CZA/ML - E100, 67056 Ludwigshafen, Germany

BASF - The Chemical Company

BASF Aktiengesellschaft, Registered Office: 67056 Ludwigshafen, Germany
Companies' Register: Amtsgericht Ludwigshafen, HRB 3000
Board of Executive Directors:
Juergen Hambrecht, Chairman; Eggert Voscherau, Vice Chairman;
Kurt W. Bock, Martin Brudermueller, John Feldmann, Andreas Kreimeyer, Stefan Marcinowski, Peter Oakley
Chairman of the Supervisory Board: Juergen Strube

Ashok Karmakar <ashok.karmakar@ril.com>

30.10.2007 04:40

An bernd heida <bernd.heida@basf.com>
Kopie Laxmilal Jain <Laxmilal.Jain@ril.com>
Thema Further clarification on VA stream

Dear Mr. Bernd Heida,

This is in reference to the mail received from you few month ago on the utilisation of VA stream from Acetylene washer overhead. It is understood that M/s BASF recommends hydrogenation of VA stream after it's condensation. Pl. elaborate what chilling system is being used or being recommended. Secondly, do you recommend system like ours where we use liquid eductor for liquifaction of VA vapour stream. Pl. do the needful as early as possible.

Thanks and Regards,

AK Karmakar
CTS Department
Vadodara Manufacturing Division