



LIST OF (CONFIRMED) PARTICIPANTS

1.	Angela Alderman	Johnson Matthey	United Kingdom
2.	Roland Brasch	Heraeus	Germany
3.	Dave Boyd	Consultant	United Kingdom
4.	Heike Kinz	Umicore	Germany
5.	Klaus Rothenbacher	EPMF	Belgium
6.	Ruediger Thiele	Heraeus	Germany
7.	Richard Walter	Heraeus	Germany
8.	Klaus Zimmermann	Umicore	Germany

MINUTES

1. **Welcome & Introduction (D. Boyd)**
 - 1.1. Confidentiality and Competition Law
The chair reminded participants on their obligations wrt confidentiality and competition law.
 - 1.2. Approval of the agenda
The agenda was approved.
2. **Recap of current status (PMC)**

PMC gave a short update of the status of discussions with Reconcile. In a recent meeting with Reconcile, it was agreed to

 - Organize an expert group meeting between Reconcile and PMC to discuss SID and sameness of the substance asap. As possible date for the meeting, end of February-beginning of March was envisaged.
 - It was confirmed that the existing NDA is sufficient to cover this work and ensure proper confidentiality and respect of competition law.
 - PMC committed to get back to Reconcile with proposed dates after this call
 - In parallel discussions on the MoU will proceed, based on the assumption that the sameness will have been resolved when the agreement will be signed.
3. **Discussion of Reach category (D. Boyd)**

The participating experts recommended that

 - The product to be registered should be the 'Karstedt concentrate' as such, ie., a complex solution of Pt-siloxane complexes with ca. 20% Pt content
 - The CAS number 68478-92-2 for "Platinum, 1,3-diethenyl-1,1,3,3-tetramethyldisiloxane complexes" should be used for the "Karstedt Concentrate"
 - The product fulfills the criteria for a UVCB and should be registered as such.
4. **Process description (D. Boyd)**

The process description proposed by David Boyd was discussed and it was agreed to take the following wording forward to the discussions with Reconcile:

'A platinum precursor, such as dihydrogen hexachloroplatinate (IV) is added to -----silane. Sodium bicarbonate is added to drive the reaction to completion by removing chloride. The resulting insoluble sodium chloride is filtered off to produce a liquid product with variable composition; due to the fact that the product components vary according to the stoichiometries of the reactants used.'



No further details were deemed necessary at this stage.

5. Spectra required (D. Boyd)

No spectra had been circulated in the advance of the meeting, since too few spectra were received to truly compare spectra (only 1 spectrum/ type was received).

The expert group recommended to acquire the following spectral information for substance identification (recommended methods are highlighted in bold)

- **NMR**
 - o **Si-NMR** and **Pt-NMR** were considered essential
 - o C-NMR will not be required
 - o Since Pt-NMR is not a standard method, a CRO will need to be identified that can carry out multi-centre NMR work. The group agreed to work with Aqura, Hanau for this. All producers are familiar with this CRO
- **Raman**
- **Pt and Si content**
 - o A determination of the Cl content and the water content was seen as optional and is up for discussion with Reconcile
- No further methods to identify components will be useful, since the substance does not contain sufficient chromophores. This applies to
 - o UV-VIS: na
 - o GC/MS
 - o Other chromatography (e.g., HPLC, etc.)
- Headspace GC and XRF was considered not essential, but their merits can be discussed with Reconcile

Substance sameness: it was considered that the above information, with the addition of H-NMR, will also be sufficient to demonstrate sameness

6. Next steps/ preparation of sameness discussions with Reconcile (all)

A stepwise approach was recommended:

1. PMC to arrange a sameness meeting with Reconcile end February/ early March. The objective of this meeting should be to agree with Reconcile on the methods to be used for substance ID and sameness, similar to the discussion at this call
2. PMC to draft position paper based on the above recommendations. This paper should be shared with Reconcile and be used as a basis for the discussions.
3. Producers of Karstedt will acquire the information described under agenda point 5 asap after the strategy has been agreed with Reconcile at the end Feb/early March meeting
4. An internal PMC sameness meeting should be held once this information is available. While this cannot be guaranteed at this stage, participating companies will aim to have the information ready for the PGM WG meeting on 26th March 2014
5. A sameness meeting with Reconcile should be arranged in due time, once Reconcile members have collected the agreed information

7. AOB, next meetings/calls and closing remarks

As mentioned above, a follow-up meeting will be arranged ad-hoc once PMC members have collected the agree information. If feasible, a meeting at the sidelines of the PGM WG meeting will be arranged.



Table 1. Actions agreed at 12 Feb. 2015

	What?	Who?	When?
1-	Arrange a sameness kick-off meeting with Reconsile end February/ early March	PMC	ASAP
2-	Provide substance ID information	Registrants	ASAP after Reconsile mtg.
3-	Draft position paper based on the recommendations from this call	PMC	ASAP
4-	Hold internal PMC sameness meeting once information from action point 1 is available	Registrants/ PMC	26 March?
5-	Hold sameness meeting with Reconsile once all agreed information has been collected	PMC/Reconsile	tbd
6-	Finalize sameness discussion	Experts group	Before Summer 2015