

The PetCo Working Group and its activities

Mineral oil at the focus of consumer health protection

Berlin, 7 December 2017

Chrystèle Tissier Classification and Prioritisation unit ECHA





Content

- PetCo working group background, role and mandate
- Approach how to prioritise and approach PetCo UVCB substances
- Achievements so far
- Ongoing discussions

PetCo working group background, role and mandate





PetCo working group

- First meeting in March 2015 (PETCO1) with Member States only
- Since then 6 other meetings (3 per year) with both Member States and accredited stakeholders organisations
 - Concawe, CEFIC Hydrocarbon Solvent Group (HSCS), CEFIC Coal Chemicals Sector Group (CCSG), AECM (Candle makers association) and Lower Olefins and Aromatics (LOA)/ Higher Olefins & Poly Alpha Olefins (HOPA)



Mandate of PETCO WG

- Initial aim was to develop by the end of 2015 an approach to identify and address PetCo substances and plan the practical implementation of this approach as required by the SVHC Roadmap (link to SVHC Roadmap information: https://echa.europa.eu/addressing-chemicals-of-concern/substances-of-potential-concern/svhc-roadmap-to-2020-implementation).
- The approach has been finalised this year
 - Approach on how to prioritise and address petroleum and coal stream UVCB substances for further work under the Roadmap for SVHC identification and implementation of REACH Risk Management Measures (https://echa.europa.eu/petco-working-group)



Mandate of PETCO WG

Updated mandate

- PetCo working group is a platform for exchange to ensure that the work on PetCo substances is moved forward using the developed approach as a basis and progress are made in improving the registration dossiers and further regulating PetCo substances where necessary
- The group will:
 - Apply the PetCo approach to all PetCo substances and identify substances for which further regulatory action is needed being generation of data or regulatory risk management
 - Follow up activities planned related to specific substances and specific concerns
 - Discuss and share experiences among MSCAs/ECHA/COM and stakeholders on identification, assessment and management of PetCo substances;
 - Enhance co-operation and share of the work on (groups of) substances and to avoid double work;
 - Interact with other relevant groups (e.g. RIME, PBT expert group) where needed
- One objective is to have updated registration information

Approach on how to prioritise and address UVCB PetCo substances





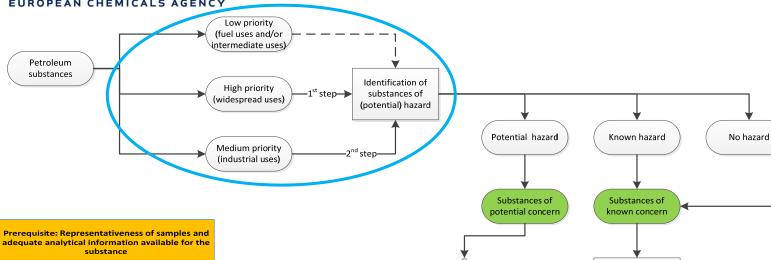








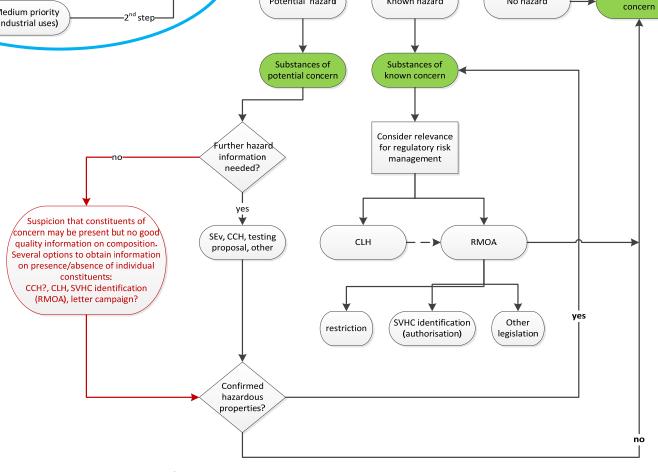
ECHA Approach principles



Prioritisation based on uses (widespread uses)

At least one professional, consumer use or article service life

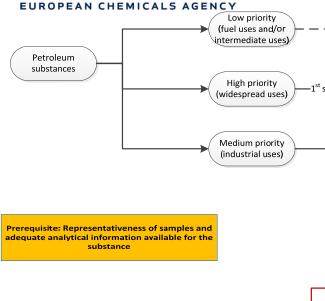
Intermediate uses and fuel uses excluded from regulatory action



Substances of lower

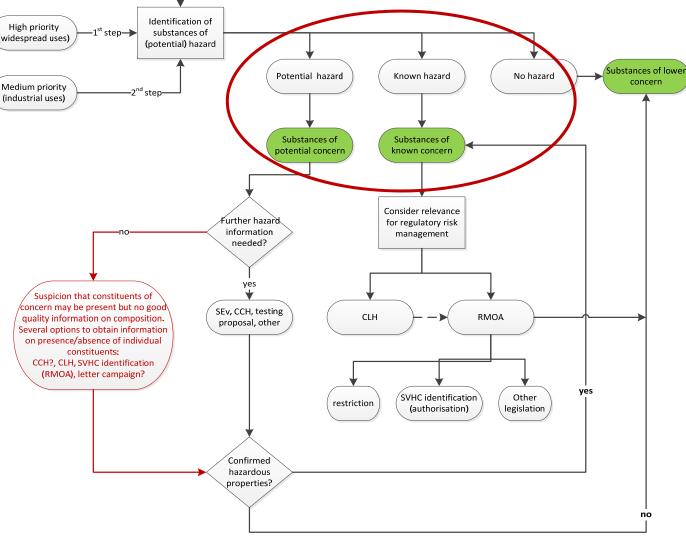


ECHA Approach principles



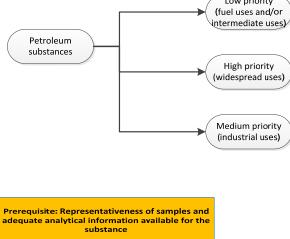
Prioritisation based on hazard

HH/ENV prioritisation based on constituents/blocks of concern (use of experimental data and QSARs) Focus on CMR/PBT properties



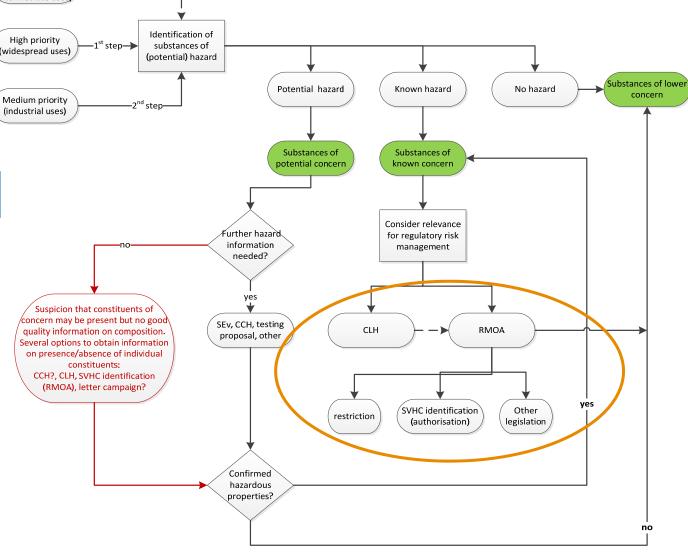


Approach principles



Decision on the best way forward

Much discussion still needed among authorities on how to best regulate those substances



Achievements so far





Main achievements

- Agreement on a way to prioritise PetCo substances for further action (Approach paper)
- Updated information on uses, in particular non-fuel uses, and tonnages going to each use for petroleum substances (Concawe) and hydrocarbon solvents
 - More information is to come from other organisations
 - All information will be reflected in update of registration dossiers
- An inventory of all substances falling under the approach is available and industry has committed itself to keeping the inventory up-to-date (PetCo inventory)
 - Substances supported by consortia
 - Orphan substances



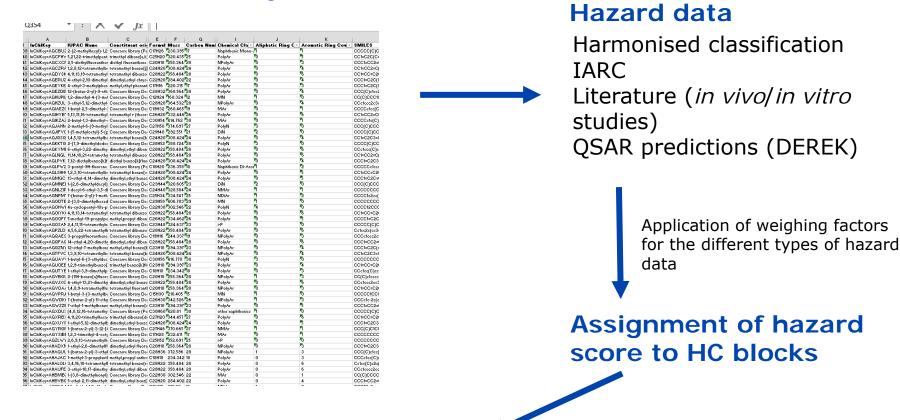
Achievements so far

- Implementation plans identifying actions have been submitted by the different organisations (and agreement to publish those on ECHA website)
- Prioritisation of substances based on hazard finalised for petroleum substances (ENV/HH) – to be seen how this can be applied to other substances
 - Based on a library of constituents together with analytical data
 - Still some questions on the ENV side



Prioritisation overview HH

Constituent library

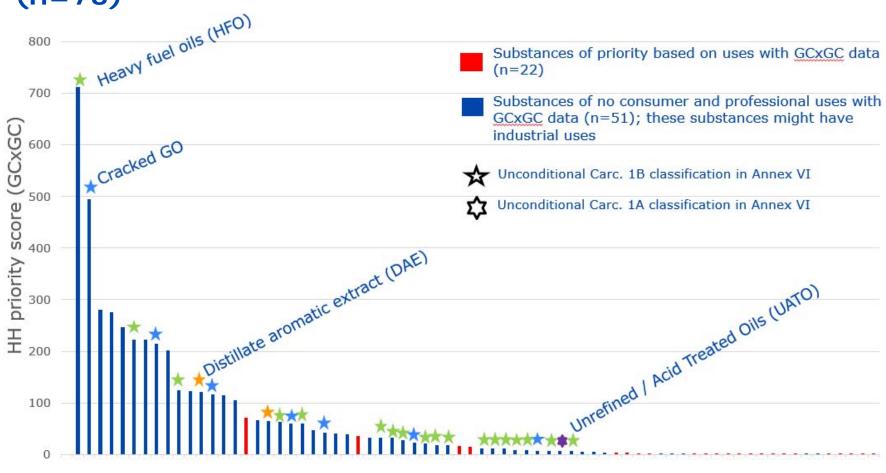


GCxGC priority list:

 Σ (Block score)x(Concentration of the HB) = Priority score of the substance

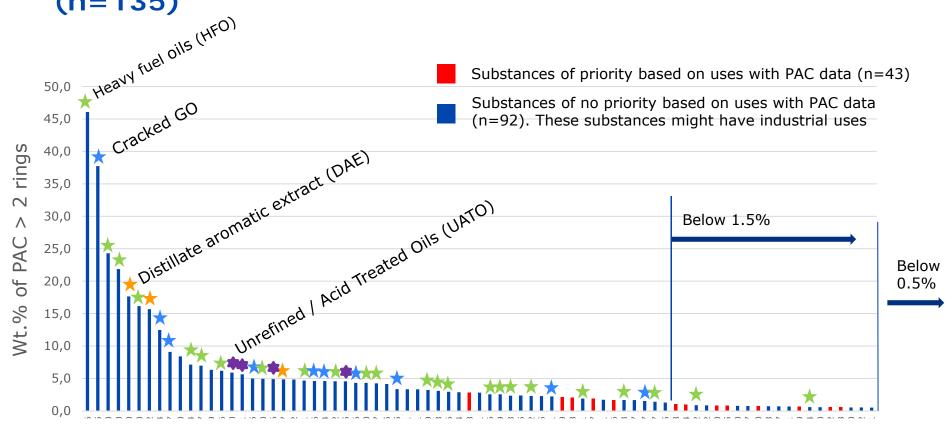


Priority score for all substances with available GCxGC data (n=73)





Priority score for all substances with available PAC data (n=135)



Unconditional Carc. 1B classification in Annex VI

Unconditional Carc. 1A classification in Annex VI

LC numbers

echa.europa.eu

Ongoing discussions





Hazard prioritisation and assessment

- Blocks and analytical data are the starting point of the prioritisation but uncertainties around blocks
- Hazard assessment for both HH and ENV and which data to generate, on what. Testing on representative structure of the blocks? Testing on the whole substance?
- How to address the categories
 - Ongoing work on some categories by ECHA
- Assessment by the Netherlands of one block from ENV perspective for discussion at the next PBT EG in May



How to best regulate those substances from a risk management perspective

- Regulating PETCO substances: what does that mean, what do we want to achieve?
 - Clear link to the discussion on hazard assessment, HCB, constituents
 - Regulating the uses of the substances falling under PETCO ?
 - Regulating the presence/level of PAHs in mixtures, articles ?
- Further discussion needed among authorities Discussion paper to be brought to a wider audience of Member States/COM



Thank you!

Petco_cg@echa.europa.eu

Subscribe to our news at echa.europa.eu/subscribe

Follow us on Twitter @EU_ECHA

Follow us on Facebook Facebook.com/EUECHA

