

Cerium Carbonate: Consortium Sameness Proposal

Dicerium Tricarbonate REACH Registration substance sameness proposal *		
		Date: 2010-10-1 st
Type of substance	Composition	mono-constituent
	Origin	inorganic
Reference EC number (s)		208-655-6
Other EC numbers considered to be the same substance		./.
EC name		dicerium tricarbonate
CAS number (s)		537-01-9
SMILES		
Structural formula (or formulae)		CH2O3.2/3Ce (anhydrous form)
Structure image or diagram (indicative)		
Molecular weight (or range)		460.264 g/mol (anhydrous form)

- Note: this proposal is based on §5 of the Guidance Document "identification and naming under REACH".

Substance Composition			
Purity	Lower content	≥ 80 %	
	Higher content	≤ 100 %	
Impurities in the substance **	Impurities/residual solvents:		
	<p>The Registration Dossier, and in particular the Classification and Labelling proposals and hazard assessment will assume that the substance, as placed on the market, meets the following standards:</p> <ul style="list-style-type: none"> All impurities > 1% are other inorganic carbonates or other related inorganic substances, similar to the registered substance, which do not significantly affect its physico-chemical, toxicological and ecotoxicological properties based on available data. <p>Present impurities shall not affect the classification & Labelling of the substance and the sum of all impurities shall be <20%.</p>		
	<p>If hazardous impurities are present, any specific risks or impacts on PBT assessment and classification and labelling relating to impurities must be evaluated by the registrants in its own company-specific part of the registration dossier.</p>		
<p>The Registration Dossier prepared, and in particular the Classification and Labelling proposals and hazard assessment, will address the substance including only the impurities indicated above.</p> <p>In any case, each registrant will have to specify separately all impurities in their own product, in the company-specific (confidential) part of the joint registration dossier.</p> <p>If a Registrant's substance is not to conform to the above then they will have to, in the company specific (confidential) part of the registration dossier, justify that the differences do not modify the IUCLID5 and do not require a different Classification and Labelling or different exposure scenarios.</p>			

** Note: The Guidance Document "identification and naming under REACH" states: << No differentiation is made between technical, pure or analytical grades of the substances. The "same" substance may have all grades of any production process with different amounts of different impurities.