

- (i) a summary of the results of any available studies on the potential effects of the recommended control measures relating to air quality, shipyard conditions, international shipping and other relevant sectors, as well as the availability of suitable alternatives.
- (2) A comprehensive proposal shall also include information on each of the following physical and chemical properties of the component(s) of concern, if applicable:
- melting point;
 - boiling point;
 - density (relative density);
 - vapour pressure;
 - water solubility / pH / dissociation constant (pKa);
 - oxidation/reduction potential;
 - molecular mass;
 - molecular structure; and
 - other physical and chemical properties identified in the initial proposal.
- (3) For the purposes of paragraph (1)(b) above, the categories of data are:
- (a) Data on environmental fate and effect:
 - modes of degradation/ dissipation (e.g., hydrolysis/photodegradation/ biodegradation);
 - persistence in the relevant media (e.g., water column/ sediments/biota);
 - sediments/water partitioning;
 - leaching rates of biocides or active ingredients;
 - mass balance;
 - bioaccumulation, partition coefficient, octanol/water coefficient; and
 - any novel reactions on release or known interactive effects.