

FirstName	Klaas
FamilyName	Lusthof
Country	Netherlands
SubmitterType	BehalfOfAnOrganisation
OrganisationType	Company-Importer
OrganisationName	Q-chem B.V.
OrganisationCountry	Netherlands
ProductType	PT08

  

GeneralComments	<p>Preventive: Borax is used as pH-buffering agent in one of our products.</p> <p>Redemidal: Borax is used indoors against <i>Serpula lacrymans</i>, which is a difficult to control fungus.</p> <p>In both segments Boarx is only used by professionals.</p>
AltIdentityAndProp	Quats: which are highly corrosive for humans and the metal of dip tanks.
TechFeasibility	<p>Preventive: Borax is used in a low concentration in one of our products, but the concentration is so low that there is no efficacy at all to be expected. It functions as pH-buffering agent. This product is already for decades on the market and until today there is no replacement found for Borax in this product.</p> <p>Remedial: if Borax will be banned, it means only one type of fungicide will remain (quats) to control fungi in buildings, this is a dangerous way if resistance starts against quats.</p>
EcoFeasibility	No problems.
HazAndRisks	Quats are less effective and need to be used in much higher concentration, which means more use of hazardous biocides.
Availability	No problem.
AltSuitAvailConcl	Borax is not substance which should be banned. In the centuries in which it has been used here have never been any reports of toxic problems for humans. Please note that Borax is used in the past in jam and disinfection water for our eyes. Borax is still in use as in can preservative with caviar.
OtherComments	Borax is a natural substance which a lot of organisms need for optimum growth/functionality. It is also present in salt water in which we swim.
SubstanceName	Disodium tetraborate pentahydrate
ECNumber	215-540-4
CASNumber	12179-04-3
CompetentAuthority	The Netherlands
CommentRegarding	8
IntendedUse	Disodium tetraborate pentahydrate acts as a fungicide and insecticide; and is used for industrial, professional, and non-professional users as a preventive and curative wood preservative for wood and construction timbers in Use Classes 1, 2, 3 and 4a according to CEN 335-1. Products are applied by vacuum pressure, dipping, injection, spraying/deluge, or brushing