

November 26, 2019

Aquazol[®], poly(2-ethyl-2-oxazoline), is a non-hazardous water soluble polymer that is also soluble in polar organic solvents. It is listed on the U.S. EPA TSCA inventory.

Neither the polymer nor any of the components of the monomer are included on the CA prop 65 list of toxic or cancer causing chemicals as of January 2015.

Aquazol[®] is approved by the Federal Food and Drug Administration for use as an indirect food additive (as an adhesive) under 21 CFR 175.105.

Aquazol[®] is not a new synthetic polymer according to the Australian NICNAS (National Industrial Chemicals Notifications & Assessment Scheme) so no registration is needed for import.

It isn't found to be in any hazard category defined by SARA title III, Sections 311 and 312.

Analysis of Aquazol[®] has shown it contains none of 161 SVHC (Substances of Very High Concern) from the REACH 1907/2007 regulation so no notification needs to be sent to end users in the EU.

The monomer is registered under REACH, registration number 01-2120773935-39-0000 and is approved for many processes.

Aquazol[®] is not considered hazardous under 1272/2008/EC.

Aquazol[®] is not a cationic polymer nor is it expected to become cationic in a natural aquatic environment. <https://actor.epa.gov/actor/chemical.xhtml?casrn=25805-17-8>

In 2014 Aquazol[®] was approved by the EPA as an inert ingredient when used as a binder for a disinfectant with residual activity on a hard, non-porous surface.

Aquazol[®] is RoHS (2011/65/EU) compliant. None of the six heavy metals (lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyls, and polybrominated diphenylethers) are present in our facilities so they cannot be present in our materials.

Sincerely



Sharon Wilkerson
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Polymer Chemistry Innovations, Inc.