## Safety & Toxicology Data

## ACTIVE CONCEPTS LLC

107 Technology Drive, Lincolnton | NC 28092 USA • <u>info@activeconceptsllc.com</u> • Phone: +1-704-276-7100 • Fax: +1-704-276-7101 •

## AC Soluble Elastin PF

Code:	20595PF
INCI Name:	Hydrolyzed Elastin
CAS #:	91080-18-1
EINECS #:	293-509-4

Name of Study	Type of Study	Results
Dermal & Ocular Irritation Tests	In-vitro	Both the dermal and ocular assays reveal that <b>AC Soluble</b> <b>Elastin PF</b> is non-irritating and should not cause any of the aforementioned conditions.
AMES Test	In-vitro	The results of the Bacterial Reverse Mutation Assay indicate that under the conditions of this assay, <b>AC</b> <b>Soluble Elastin PF</b> was considered to be Non-Mutagenic to <i>Salmonella typhimurium</i> tester strains TA98, TA100, TA1537, TA1535 and <i>Escherichia coli</i> tester strain WP2 <i>uvr</i> A.
OECD TG 442D In-Vitro Skin Sensitization Report	In-vitro	The results using the ARE-Nrf2 Luciferase Test Method in accordance with UN GHS indicate that <b>AC Soluble Elastin PF</b> was not predicated to be a skin sensitizer.
OECD TG 442C Direct Peptide Reactivity Assay	In-chemico	Based on HPLC-UV analysis <b>AC Soluble Elastin PF</b> was determined as a non-sensitizer and will not cause allergic contact dermatitis.
OECD 301B Ready Biodegradability Assay	In-chemico	The results of the Modified Sturm Test ensure <b>AC Soluble</b> <b>Elastin PF</b> met method requirements for the Readily Biodegradable classification.
OECD 201 Freshwater Alga Growth Inhibition Test	In-vitro	The conditions of OECD guideline 201 for the validity of the test were adhered to, <b>AC Soluble Elastin PF</b> is not classified and therefore not harmful to aquatic organisms.

Information contained in this technical literature is believed to be accurate and is offered in good faith for the benefit of the customer. The company, however, cannot assume any liability or risk involved in the use of its chemical products since the conditions of use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. We make no warranty of any kind, expressed or implied, other than that the material conforms to the applicable standard specification.

