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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 DermaPeptide Revitalizing PF

Code:	20454PF	
INCI Name:	Hydrolyzed Rice Protein	
CAS #:	100209-45-8	
EINECS #:	309-353-8	

Name of Study	Type of Study	Results
Dermal & Ocular Irritation Tests	In-vitro	Both the dermal and ocular assays reveal that AC DermaPeptide Revitalizing PF 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 AC DermaPeptide Revitalizing PF 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 AC DermaPeptide Revitalizing PF was not predicated to be a skin sensitizer.
OECD TG 442C Direct Peptide Reactivity Assay	In-chemico	Based on HPLC-UV analysis AC DermaPeptide Revitalizing PF 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 AC DermaPeptide Revitalizing PF 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, AC DermaPeptide Revitalizing PF is not classified and therefore not harmful to aquatic organisms.

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