

## BiEau® Actif Red Algae Toxicology Data

**Code:** 16909  
**INCI Name:** Haematococcus Pluvialis Extract & Yeast Ferment Extract  
**CAS #:** 999999-99-4 & N/A  
**EINECS #:** 310-127-6 & N/A

Name of Study	Type of Study	Results
<b>Dermal &amp; Ocular Irritation Tests</b>	<i>In-vitro</i>	Both the dermal and ocular assays reveal that <b>BiEau® Actif Red Algae</b> is non-irritating and should not cause any of the aforementioned conditions.
<b>AMES Test</b>	<i>In-vitro</i>	The results of the Bacterial Reverse Mutation Assay indicate that under the conditions of this assay, that <b>BiEau® Actif Red Algae</b> was considered to be Non-Mutagenic to Salmonella typhimurium tester strains TA98, TA100, TA1537, TA1535 and Escherichia coli WP2uvrA.
<b>OECD TG 442D In-Vitro Skin Sensitization</b>	<i>In-vitro</i>	The results using the ARE-Nrf2 Luciferase Test Method in accordance with UN GHS indicate that <b>BiEau® Actif Red Algae</b> was not predicted to be a skin sensitizer
<b>OECD TG 442C Direct Peptide Reactivity</b>	<i>In-chemico</i>	Based on HPLC-UV analysis <b>BiEau® Actif Red Algae</b> was determined as a non-sensitizer and will not cause allergic contact dermatitis.
<b>OECD 301B Ready Biodegradability</b>	<i>In-chemico</i>	The results of the Modified Sturm Test ensure <b>BiEau® Actif Red Algae</b> met method requirements for the Readily Biodegradable classification.

Name of Study	Type of Study	Results
<b>OECD 201 Alga Growth Inhibition</b>	<i>In-vivo</i>	According to the EU Directive 93/67/EEC, <b>BiEau® Actif Red Algae</b> is not classified as harmful to aquatic organisms
<b>Phototoxicity Assay Analysis</b>	<i>In-vitro</i>	The results of the assay indicate that <b>BiEau® Actif Red Algae</b> is not a photoirritant when used at the suggested use levels of 1.0% -10.0%.