

Title : Risk Assessment in Light of FSS Regulations**Author(s) :** Mr. Prabodh Halde**Institution :** Head Technical Regulatory –MARICO Ltd.**Email :** prabodhh@maricoindia.net

The new food safety and standards act's rules & regulations are implemented in India on 5th August 2011. The earlier Act and rules, PFA was repealed after 55 years of existence along with other 7 regulations. The Industry welcome this move and intent of the act is very positive and Act is based on science and risk analysis. Consumer safety is given prime importance. Risk analysis is powerful tool for carrying out science based analysis and for reaching sound, consistent solution for food safety problem

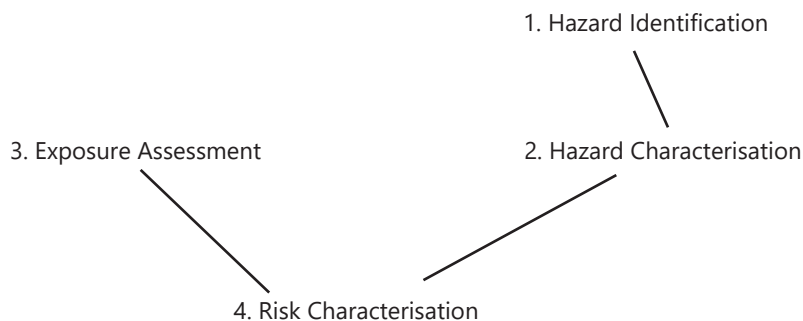
The Existing Act is based on the "Risk assessment" and not on the "Presence of Hazard"

"Risk", in relation to any article of food, means the probability of an adverse effect on the health of consumers of such food and the severity of that effect, consequential to a food hazard

Risk = f (Hazard x Exposure)

This paper will discuss detailed procedure of entire Risk assessment, Risk Management and Risk communication.

Risk assessment is the first scientific step in entire process and it covers following sub steps

**Conclusion:**

In Operation of FSS regulation, the approach of Risk assessment is very important step and it will give scientific rational for additives, product approval and designing the standards and specification of commodities. India has more than 10000 traditional foods and the Risk based approach will definitely help to assess the food safety.

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