

Chemical Alternative & Inventory Assessment



Providing Tools for Informed Chemical and Material Decisions

Hazard, Risk and Impact Assessment Services

New and existing chemical policies are actively identifying chemicals of concern and restricting their use. Companies desiring to keep their products on the market will be responsible for evaluating and identifying functional alternatives that are safer for both consumers and the environment. With our 65-year history of toxicology expertise in food and water safety, the public health experts at NSF International are helping companies by offering services to support Alternatives Assessments including:

Risk Assessment:

- Human hazard
- Environmental hazard
- Fate
- Exposure

Environmental Impact Assessment:

- Greenhouse gases
- Water
- Waste
- Land, water and air pollutants, and
- Natural resource use

Inventory Assessment

NSF's Inventory Assessment services allow companies to make informed material choices by evaluating specific product lines or full chemical inventories against:

- Globally Harmonized System of Classification and Labeling of Chemicals (GHS)
- EPA's Design for the Environment Ingredient criteria
- A customized set of toxicological parameters provided by the company, or
- A "negative list" of chemicals/materials such as Clean Production Action's Red List, European Chemical Agency Candidate List of Substances of Very High Concern, ChemSec's Substitute It Now (SIN) list and EPA's TSCA Chemicals of Concern List

To find out more contact us at: greenchem@nsf.org or 651-493-4247.

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