

Research Institute for Fragrance Materials, Inc.

The International Scientific Authority for the Safe Use of Fragrance Materials



Transparent Science Supports Brand Trust

RIFM VISION STATEMENT

TO BE THE INTERNATIONAL SCIENTIFIC AUTHORITY FOR THE SAFE USE OF FRAGRANCE MATERIALS

RIFM MISSION STATEMENT

- ❖ Engage in research and evaluation of fragrance materials through an independent Expert Panel
- ❖ Determine safety in use
- ❖ Gather, analyze and publish scientific information
- ❖ Distribute scientific data and safety assessment judgments to RIFM members, industry associations and other interested parties
- ❖ Maintain an active dialogue with official international agencies

The Research Institute for Fragrance Materials (RIFM) was formed in 1966 to analyze, evaluate and distribute scientific data, cooperate with official agencies and encourage safety standards for the use of fragrance ingredients. All scientific findings are evaluated by an independent Expert Panel. The Expert Panel is an international group of dermatologists, pathologists, toxicologists and environmental scientists. Additional expertise is provided by adjunct groups with knowledge in respiratory science, reproductive effects, environmental fate and epidemiology. The Panel determines safety in use for fragrance ingredients through consideration of available information and active generation of additional data. Its conclusions are presented to professional scientific and medical societies and are published in peer-reviewed scientific journals. When important for consumer protection, decisions of the Expert Panel regarding restrictions of use are published as IFRA Standards.

The RIFM Database is the most comprehensive, worldwide source of toxicology data, literature and general information on fragrance and flavor raw materials, classifying more than 5100 materials.



RIFM's safety evaluation process is modeled after the National Academy of Sciences' Elements of Risk Assessment and Risk Management (NRC, 1994). Criteria for development of a database for safety evaluation of fragrance materials (Ford, et al., 2000) provides a method to establish a database based on chemical structure, quantity of use and consumer exposure. A Framework for prioritizing fragrance materials for aquatic risk assessment (Salvito et al., 2002) supplements human health criteria with physicochemical properties and annual volume of use to predict environmental concentrations. Consumer exposure to fragrance ingredients: providing estimates for safety evaluation (Cadby et al., 2002) explains how to estimate a maximum level in products through patterns of use and fragrance material concentrations. The Safety assessment of fragrance materials (Bickers et al., 2003a) presents chemical groupings and decision trees for dermatological, systemic and environmental endpoints, to conclude safety under reported conditions of use.

The risk management paradigm is completed when the Expert Panel publishes a Group Summary on structurally representative material, and Fragrance Material Reviews (FMRs) on individuals within the group (ex. RIFM Toxicologic and Dermatologic Assessments of Linalool and Related Esters When Used as Fragrance Ingredients. (Bickers et al., 2003b).

RIFM is the cost effective solution for safety research and testing—shared research expenses, eliminates test duplication, and provides uniform interpretation.



RIFM delivers well-documented conclusions from comprehensive analysis that translates into enhanced Product Management for its members—resulting in safer and more life enriching products for the consumer.

Membership in RIFM is open to all companies that manufacture, sell, distribute or engage in business related to the fragrance industry for at least one year.