



FRAGRANCE Compliance Solution

Fragrances are subject to an international legislative and regulatory environment that affects every part of manufacturing and the supply chain. The IFRA is a global association that represents world-leading fragrance makers. It sets standards for safe use and manufacture of fragrance materials, and directs a code of practice to further consumer safety and environmental protection.

Lisam Systems' collaboration and relationship with IFRA ensures that the latest information and guidelines are always updated for ongoing compliance with the IFRA 47th amendment and the IFRA standards.

Lisam Systems offers an unparalleled compliance solution for the fragrance industry to generate reports, labels and IFRA certificates.

Global IT Solutions
Environment, Health & Safety



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ExESS® IFRA Module

The ExESS solution offers a specialized module for the fragrances industry that easily integrates the regulatory lists, report templates and certificates established by IFRA.

Lisam's ExESS IFRA Fragrances Module enables a status assessment that performs calculations using integrated fragrance data. The software performs IFRA Matching at substance level and mixture level, using CAS number and presents a calculated table and a calculated maximum usage level per class. It calculates IFRA Batch Calculation by product, and keeps users updated on the latest IFRA standards.

Once the formulation is complete the system generates detailed reports, leaflets, labels, allergen reports and issues official IFRA Certificates.

Features and Functionality:

- Lists substances with a composition and (a) CAS number(s) that can contain IFRA standards according to IFRA Annex 1
- Performs IFRA Matching at substance level, if no matches, IFRA substance families which do not have an associated CAS# will be displayed
- List of authorized colorants, preservatives and UV filters
- Integrates with IFRA database
- List of allergens (EU)
- CosIng 2 database (European Commission)
- List of forbidden and restricted substances
- Performs IFRA Batch Calculation by product
- Offers users the ability to see the latest updates and product warnings
- Calculates and performs matching at mixture level, presents a calculated table and a calculated maximum usage level per class
- Provides customizable, traceable ingredient and fragrance status
- Creates and manages IFRA Certificates
- Generates regulatory documentation such as SDS and labels
- Performs Product and raw material batch tracking with QC Analysis, Inventory tracking



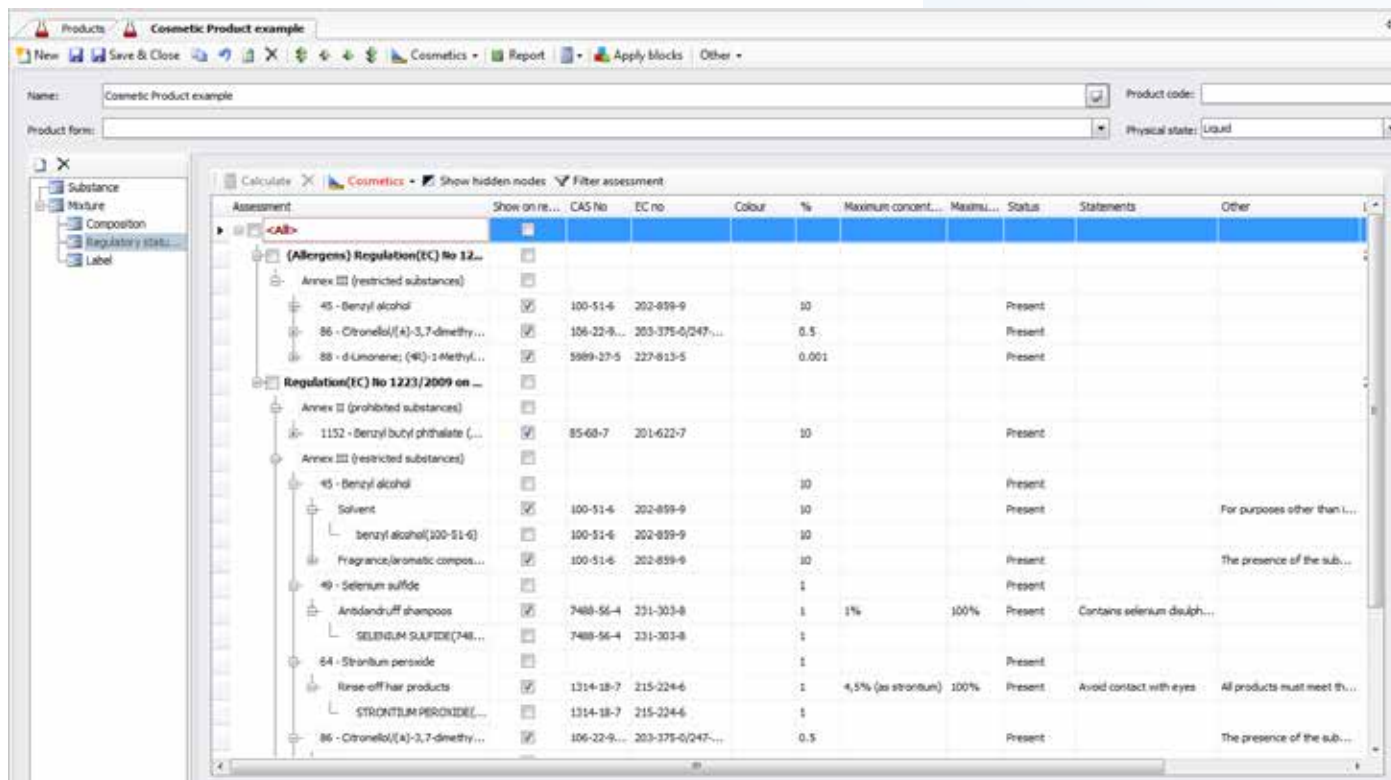
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Main Reports:

- Specific ingredient label layouts (IL)
- Technical report
- Allergens report
- Ingredient data sheet (IDS)
- IFRA certificates
- Ingredient labels

Substances Databases:

- NVZ list of substances
- IFRA substances database
- INCI list



The screenshot displays the 'Cosmetics' module interface. The main window shows a tree view on the left with 'Regulatory status' selected. The central pane displays a table of assessment results for various substances.

Assessment	Show on re...	CAS No	EC no	Colour	%	Maximum concentr...	Maximu...	Status	Statements	Other
<All>										
(Allergens) Regulation(EC) No 12...	<input type="checkbox"/>									
Annex III (restricted substances)	<input type="checkbox"/>									
45 - Benzyl alcohol	<input checked="" type="checkbox"/>	100-51-6	202-899-9		10			Present		
86 - Citronellol((A)-3,7-dimethy...	<input checked="" type="checkbox"/>	106-22-9...	203-375-0/247...		0.5			Present		
88 - d-Limonene; (4S)-1-Methyl...	<input checked="" type="checkbox"/>	5989-27-0	227-813-5		0.001			Present		
Regulation(EC) No 1223/2009 on ...	<input type="checkbox"/>									
Annex II (prohibited substances)	<input type="checkbox"/>									
1152 - Benzyl butyl phthalate (...)	<input checked="" type="checkbox"/>	85-60-7	201-622-7		10			Present		
Annex III (restricted substances)	<input type="checkbox"/>									
45 - Benzyl alcohol	<input type="checkbox"/>				10			Present		
Solvent	<input checked="" type="checkbox"/>	100-51-6	202-899-9		10			Present		For purposes other than L...
benzyl alcohol(100-51-6)	<input checked="" type="checkbox"/>	100-51-6	202-899-9		10			Present		
Fragrance/aromatic compos...	<input checked="" type="checkbox"/>	100-51-6	202-899-9		10			Present		The presence of the sub...
49 - Selenium sulfide	<input type="checkbox"/>				1			Present		
Antidandruff shampoos	<input checked="" type="checkbox"/>	7480-56-4	231-303-8		1	1%	100%	Present	Contains selenium disph...	
SELENIUM SULFIDE(748...	<input type="checkbox"/>	7480-56-4	231-303-8		1			Present		
54 - Strontium peroxide	<input type="checkbox"/>				1			Present		
Rise-off hair products	<input checked="" type="checkbox"/>	1314-18-7	215-224-6		1	4,5% (as strontium)	100%	Present	Avoid contact with eyes	All products must meet th...
STRONTIUM PEROXIDE(...)	<input type="checkbox"/>	1314-18-7	215-224-6		1			Present		
86 - Citronellol((A)-3,7-dimethy...	<input checked="" type="checkbox"/>	106-22-9...	203-375-0/247...		0.5			Present		The presence of the sub...



ABOUT Lisam Systems

Lisam Systems is an established international provider of Environmental Health and Safety (EH&S) compliance management software solutions and services. Our flexible, user-friendly and cost-effective solution empowers over 800 clients and EH&S teams worldwide to reduce their costs, improve processes, and minimize the risk of non-compliance with global regulations, such as GHS and REACH.

Our enterprise-wide solution, ExESS[®], creates, manages and distributes GHS-compliant safety data sheets (SDS) and labels for all major commercial markets. It leverages fully integrated regulatory and transportation content libraries and can generate output in nearly 50 languages. Specialized vertical compliance modules are also seamlessly integrated within ExESS, offering an automated solution and access to industry-specific regulatory information.

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