

Quickly and easily access global food and flavor regulations and run compliance checks for ingredients, formulations and products

Many of the world's top food, flavor and beverage companies rely on 3E Company for comprehensive, centralized and up-to-date regulatory content and award-winning solutions to ensure compliance, enhance product and facility safety and drive innovation.

Leveraging our content and solutions, customers can streamline critical tasks including checking the regulatory status of ingredients in their formulations, identifying problematic ingredients in multiple jurisdictions, checking alternative uses and concentrations and researching requirements on labeling, nutritional claims, food ingredient standards and more.

3E ArielLogic for Food & Flavors offers a powerful solution for teams charged with ensuring product safety and compliance. This innovative regulatory compliance check tool provides instant online access to current regulatory information related to flavors, food ingredients and additives. It also delivers powerful rule-based decision support functionality, enabling users to immediately identify the impact of regulations on specific food and beverage formulations.

What ArielLogic Can Do For Your Organization

LEVERAGE POWERFUL DECISION SUPPORT

ArielLogic's rule-based engine enables users to enter a formulation with hundreds of ingredients, save it, and check for restrictions that might be applicable to any of the ingredients in the formulation. The system takes into account the respective country's current regulatory framework for flavors, food additives and food ingredients.

Users can check against the regulations of one country or multiple countries simultaneously. For example, after entering a formulation into ArielLogic, you can produce a report that indicates, on an ingredient level, any quantity or use-type restrictions based on the regulations of the countries of interest.

ACCESS RELEVANT, UP-TO-DATE CONTENT

ArielLogic enables you to quickly and efficiently research country regulatory requirements on labeling, nutritional claims, food ingredient standards, contaminants and other important regulatory drivers. Content is expertly aggregated from multiple sources and made available in a central repository. The full text of regulations is provided for review, as well as more condensed overviews for quick reference. Robust search features return critical information in a few simple clicks.

Our regulatory experts track, analyze and aggregate a wide range of global regulatory developments including:

- Global standards - FEMA, CODEX, JECFA
- Food ingredient standards
- Food additives & flavors
- Food contact & packaging
- Contaminants
- Labeling requirements
- GMO regulations
- Consumer products
- Pesticides and biocides
- Drugs and cosmetics
- Environmental Health and Safety (EH&S)

REGULATORY CONTENT – THE 3E DIFFERENCE

At the core of 3E's industry-leading solutions and services is the global content aggregated, refined and maintained by our expert team using documented best practice methodologies, and through direct relationships with regulatory bodies across the globe.

More than 300 multinational organizations, including 70% of the world's top 50 chemical manufacturers, rely on our up-to-date, accurate, multilingual content on a daily basis. The breadth of countries covered and depth of regulatory and legislative information provided offer unprecedented support for identifying, monitoring and complying with ever-changing regulatory requirements.

Our content is based on official government sources in their respective countries. Through a unique combination of scientific, legal and information technology domain expertise, our team monitors hundreds of distinct chemical control regulations covering hundreds of thousands of chemical substances in more than 100 countries. We are continuously expanding the number of substances, regulations and jurisdictions covered.

LEVERAGE A GLOBAL TEAM OF EXPERTS

Our expert regulatory specialists research, procure and update the global regulatory content delivered by ArielLogic. Our global research team has the experience, contacts and skills needed to help you stay current with constantly changing regulations.

These professionals possess legal expertise and active relationships with the government agencies around the world that provide assistance in procuring and analyzing legislation. The team has extensive language skills to facilitate dialog with the appropriate regulatory bodies.

RUN COMPLIANCE CHECKS IN MINUTES

ArielLogic enables you to quickly check the regulatory status of the ingredients in your formulations and determine if they are permissible in the end product application and use concentration.

You can enter a product or formulation with hundreds of ingredients by importing the data from an existing spreadsheet. Enter and compare usage levels and run checks based on functional type and specific end use.

GENERATE EXCEPTION REPORTS FOR MULTIPLE COUNTRIES, USE LEVELS AND APPLICATIONS

Users can quickly identify ingredients that might be restricted in a specific type of application, country or usage level.

CREATE CUSTOM REGULATORY LISTS

With ArielLogic you can enter custom regulatory lists based on your customers' restrictions.

MAINTAIN SECURITY AND CONFIDENTIALITY

ArielLogic keeps trade secret and formulation information secure with password hashing and https security.

ACCELERATE TIME TO MARKET AND OPTIMIZE RESOURCE ALLOCATION

Rather than spending countless hours tracking down information and updates from various regulatory agencies and governing authorities, regulatory staff and R&D personnel can collaborate using a simple-to-use and content-rich resource that puts information at their fingertips.

With ArielLogic your team can focus on delivering superior products to your customers and performing more strategic functions that contribute to your bottom line rather than wasting hundreds, if not thousands, of hours searching and updating regulatory information.

STAY ABREAST OF GLOBAL REGULATORY NEWS

ArielLogic users can subscribe to our "Global Reg Review – Food and Beverage Edition", which is a value-added, complimentary newsletter written by 3E's global regulatory research team and distributed bi-weekly. This email contains highlights of the latest food and flavors regulatory and legislative news and developments from around the globe.



INTEGRATE SEAMLESSLY

ArielLogic can be accessed via 3EiQ™, a user-friendly portal that enables subscribers to save time by navigating seamlessly between 3E solutions including 3E Online® - SDS, 3ESC Supply Chain Solutions, Ariel® Integrated Content, Ariel WebInsight, Authoring on Request, Label Generator, MSDgen® and Regulatory Monitoring.

COMBINE SOLUTIONS FOR POWERFUL PRODUCT SAFETY AND STEWARDSHIP

ArielLogic can also be integrated with other 3E solutions, enabling your organization to improve workplace safety, enhance product stewardship and increase supply chain compliance.

Access SDSs 24/7/365

ArielLogic can be combined with 3E Online, our powerful, scalable SDS and chemical inventory management solution, to reduce risk, increase compliance with hazard communication requirements and make facilities safer for employees. With 3E Online users can quickly and easily find SDSs associated with substances, ingredients and products in the jurisdiction and language required... anytime, anywhere.

Integrate Regulatory Content Across the Enterprise

Our world-renowned Ariel regulatory content can be seamlessly integrated into third-party corporate systems to increase operational efficiencies and support informed decision making enterprise-wide. We integrate with many PLM, ERP, EMIS and EH&S platforms including the SAP® Environment, Health, and Safety (EHS) system. Streamlined integration with SAP's Recipe Development application enables users to seamlessly load our data into the SAP property tree to utilize SAP's Compliance Check functionality.

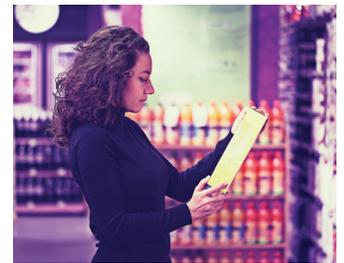
Content can be delivered via the cloud, reducing the cost and complexity of information technology (IT) setup and maintenance and accelerating content updates.

Keep Abreast of Current and Emerging Regulations

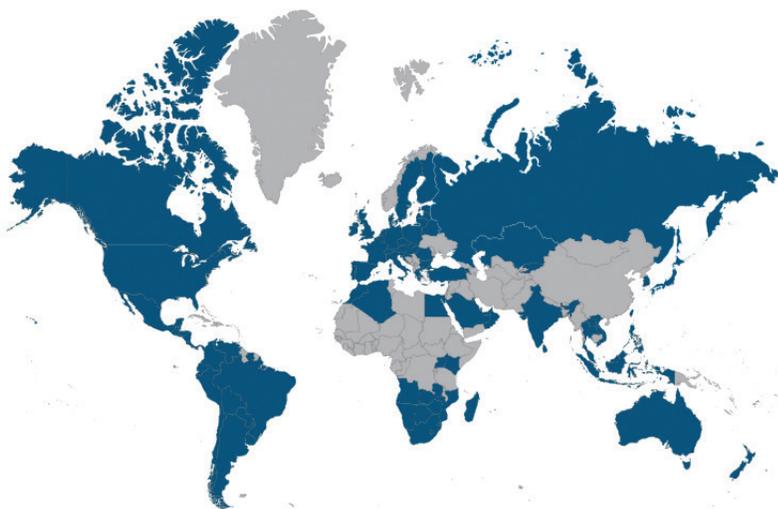
ArielLogic can be used in conjunction with 3E's Regulatory Monitoring service to enable users to assess the potential impact of new and emerging regulations on their ingredients, formulations and products. Regulatory Monitoring provides a single source for regulatory news value added with expert analysis, tailored to the topics that matter to your business and delivered in the format and frequency that fits your needs.

Manage and exchange material, product and supplier information across the global supply chain

3ESC® Supply Chain Solutions from 3E deliver a powerful combination of advanced supplier engagement services, an innovative online platform, industry-leading regulatory content and expert consulting services. You can gather and manage information from upstream suppliers such as material disclosures, substance declarations, organic/kosher/halal/non-GMO certificates and more. With 3ESC you can more effectively evaluate the compliance of your upstream suppliers and quickly respond to requests for information from downstream customers.



ARIELLOGIC COVERAGE



ArielLogic provides current, comprehensive regulatory data covering a continually expanding array of countries as well as CODEX, FEMA and JECFA. Covered countries are presented in blue.

REGULATORY REPORTS

With ArielLogic you can quickly and easily identify approved uses for an ingredient in a specific country or region.

Back to the Home page | Download Summary | Download Full Report | Download Exception Report

Hickory Additive
Generated: Friday, February 10, 2017 1:01:54 PM, GMT-8

Identifiers	Chemical Name	Status	Detail
US Federal			
Restrictions			
35554-44-0	IMAZALIL	⊘	Details
8016-70-4	SOYBEAN OIL (HYDROGENATED)	⚠	Details
84625-29-6	CAPSICUM	⚠	Details
79665-93-3	ESTERS OF POLYGLYCEROL AND FATTY ACIDS	⚠	Details
74113-74-9	HICKORY SMOKE DIST.	⚠	Details
25013-16-5	BHA	⚠	Details
128-37-0	BHT	⚠	Details
No Restrictions			
8001-22-7	EDIBLE OIL (OBTAINED FROM THE SEEDS OF GLYCINE MAX)	✓	Details
5EQ703051	AUTHORIZED NATURAL FLAVORS	✓	Details
77-92-9	1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-	✓	Details

Explanation of Status Icons

- ⊘ This substance is not restricted for use.
- ⚠ Restrictions May Apply - Based on Use Types, Functional Classes or Threshold Values.
- Ⓞ Decision is based on FEMA.
- Ⓜ This substance is not listed within the regulations captured in ArielLogic.

MANAGE FORMULATIONS

ArielLogic enables users to enter and manage formulations based on ingredient name, CAS or FEMA number.

4. Manage Formulation

Select from My Formulations: **Hickory Additive** Actions Go

Share with colleagues:

[Formulation Search](#)

Add New Ingredient

CAS Add

	CAS	Chemical Name	Functional Class	Natural/Artificial	%	
1	8016-70-4	SOYBEAN OIL (HYDROGENATED)	Processing aid	n/a	33.75	X
2	8001-22-7	EDIBLE OIL (OBTAINED FROM THE SEEDS OF GLYCINE MAX)	Processing aid	n/a	28	X
3	84625-29-6	CAPSICUM	Colour	n/a	16	X
4	5EQ703051	AUTHORIZED NATURAL FLAVORS	Flavor enhancer	Artificial	8	X
5	79665-93-3	ESTERS OF POLYGLYCEROL AND FATTY ACIDS	Processing aid	n/a	6	X
6	74113-74-9	HICKORY SMOKE DIST.	ANY	n/a	2	X
7	25013-16-5	BHA	Preservative	n/a	0.75	X
8	128-37-0	BHT	Preservative	n/a	0.75	X
9	77-92-9	1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-	Preservative	n/a	0.75	X
10	35554-44-0	IMAZALIL	ANY	n/a	4	X

Next

CHOOSE 3E COMPANY

3E Company, a Verisk Analytics business, is a global provider of data and information services which enable companies to improve compliance with EH&S regulations and supply chain obligations through the entire lifecycle of chemicals and products. Whether you are a manufacturer, distributor or corporate user of chemical products, 3E can tailor a program specific to the compliance information and management needs of your organization. For more than 25 years we have led the industry in obtaining and managing content, offering unique insights and solutions that enable customers to reduce cost and risk while improving processes across the enterprise and throughout the supply chain. Global locations include our corporate headquarters in Carlsbad, California along with offices in Bethesda, Maryland; Canton, Ohio; Copenhagen, Denmark; Montreal, Quebec and Tokyo, Japan.

Want to learn more?

Contact 3E at info@3ecompany.com or +1 760.602.8700 / +1 800.360.3220.