3E Online

3E Green Product Analyzer (GPA)

Find out which products make the grade

ONLINE

Overview

Sustainability and green initiatives are top priorities in all business sectors. EH&S compliance management and product stewardship are fundamental and critical cornerstones to these initiatives. As executive and corporate EH&S focus builds upon compliance to create a framework for full product lifecycle and supply chain compliance and sustainability, 3E Company's comprehensive suite of products and services enables EH&S professionals to more effectively manage the full spectrum of hazard communication and product stewardship requirements.

Stakeholder demands for safer, environmentally-friendly products brings mounting pressure on purchasing and EH&S staff to obtain information about the products they offer consumers and analyze it for better sourcing decisions. The 3E GPA provides the necessary data and information needed to support these emerging initiatives.

3E COMPANY
A Verisk Analytics Company

Trusted Global Provider of Chemical, Regulatory & Compliance Information Services

Will your products pass the test?

By leveraging 3E's global CAS level regulatory profiles and chemical classification data, 3E GPA can provide the flexibility and knowledge needed to evolve your sustainability program from a concept to execution. Because there is no single definition of sustainability, the system was designed to accommodate your organization's self-defined criteria, while still providing guidance to those who might still be identifying their parameters.

Users define and weigh each area of concern with 3E's green grading system to yield results that are relevant. Each product will be given a 3E Green Score which is comprised of three components; the product's impact on people, property and the environment. Each product can be analyzed by each of these components to understand how the product impacts employees or customers, your facilities or your impact on the environment. For example, your organization may choose to identify all products that contain known carcinogens as one criteria of concern. The 3E GPA will scan your product inventory and identify all of the CAS level substances which are included on the REACH 1907/2006 - Carcinogens Category 1 or Category 2 lists and many others. If the product composition contains one or more components on relevant lists, the resulting grade will reflect that classification.

Improve your toxic footprint

Assess the toxic footprint of individual sites or the entire organization to create a baseline and measure improvement.

Robust reporting features

Create graphical analysis of scores at the criteria level, product or location level for decision making and stakeholder communication.

Better products, less money

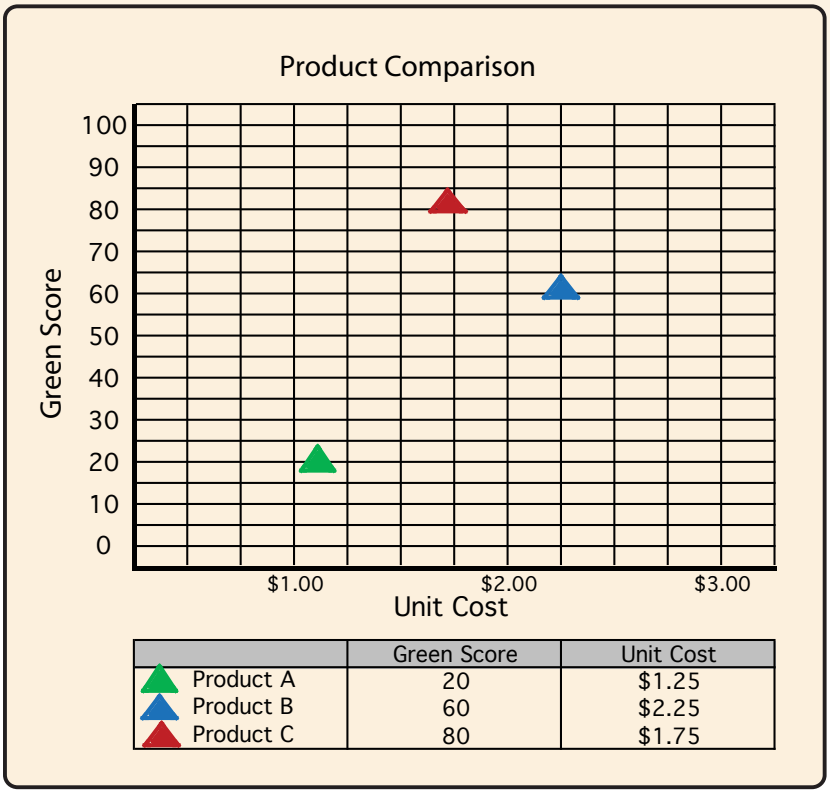
Compare products in the same use category (i.e. solvents) to support product selection and purchasing decisions. Then leverage the materials cost data to single source products and take advantage of volume discounts.

Compare products for better decision making

By selecting criteria based on your business processes and stakeholder priorities, you can calculate ratings and group products into categories and even include material costs to create direct and meaningful comparisons. Then leverage 3E's extensive MSDS library to identify suitable alternatives or determine industry averages.

Operating a more sustainable company

In addition to stakeholder demand to offer more environmentally-friendly products, your internal CSR and sustainability initiatives may require your facilities to be more sustainable, and to operate in a more environmentally conscious manner. The 3E GPA can support these initiatives as well. Tracking and managing your facilities' chemical inventories using 3E tools can ensure that the materials used throughout your enterprise conform to corporate initiatives related to purchase, storage, transportation, handling, recycling and disposal of safer, greener products. The 3E GPA enables you to identify products containing air/water pollutants, extremely hazardous substances or ozone depleting chemicals and thereby implement stringent approval processes prior to purchase, or raise the option of banning them altogether from future use and procurement.



	Green Score	Unit Cost
Product A	20	$1.25
Product B	60	$2.25
Product C	80	$1.75

3E Green Score Detail

Risk Score Name / Sub Risk Name	Sub Risk Score	Multiplier	Total Score
3E Green			**1.03**
Environment	1.00	0.40	.40
People	1.40	0.30	.42
Property	.70	0.30	.21

Green Score Detail

Risk Score Name / List Name / *CAS*	*Max Percent*	Max Score / *Weight*	Risk Score Total / List Total Score / *Score*
Environment			**1.00**
Air Pollutants		25.00	0.50
000067-63-0	*2.00*	*25.00*	*0.50*
Hazardous Waste		25.00	0.50
000067-63-0	*2.00*	*25.00*	*0.50*
People			**1.40**
Adverse Health Effects		25.00	0.50
000067-63-0	*2.00*	*25.00*	*0.50*
Known Carcinogen		25.00	0.50
000067-63-0	*2.00*	*25.00*	*0.50*
Known or Suspected Carcinogen		10.00	0.20
000067-63-0	*2.00*	*10.00*	*0.20*
Toxic Organ Effects		10.00	0.20
000067-63-0	*2.00*	*10.00*	*0.20*

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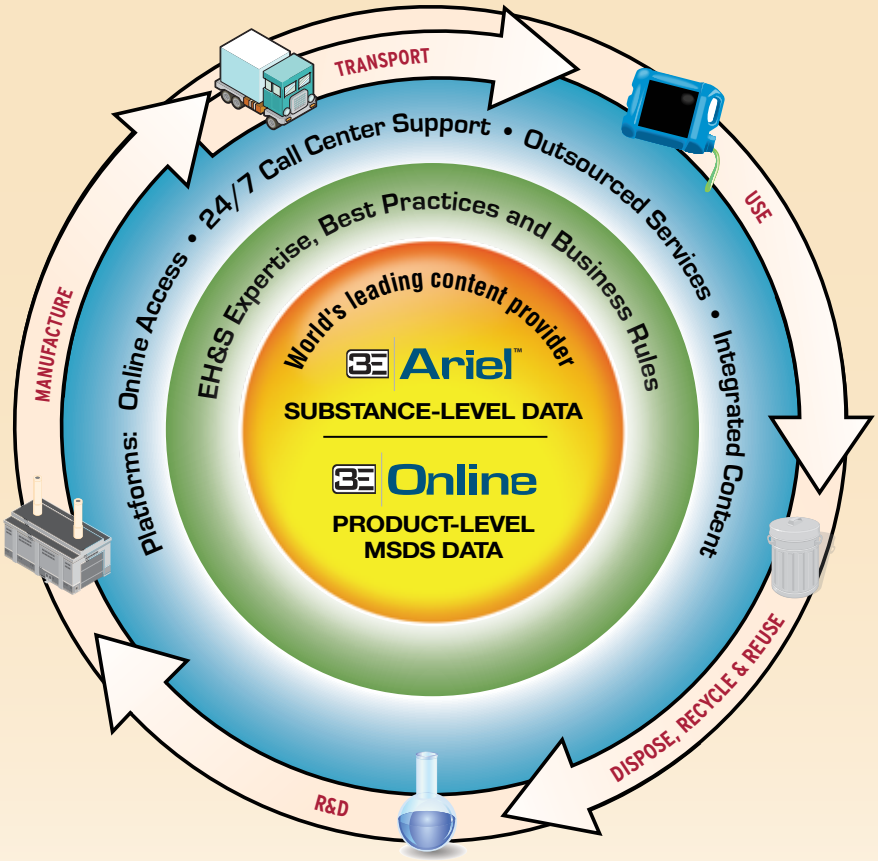
Full Chemical Lifecycle Management

3E Company's comprehensive suite of data products and information services enables improved compliance with global Environmental Health & Safety (EH&S) requirements related to the safe manufacturing, distribution, transportation, usage and disposal of chemicals and hazardous products. Whether you are a manufacturer, distributor, transporter, retailer or corporate user of chemicals or hazardous products, 3E can deliver a program specific to the EH&S compliance information and management needs of your organization that provides benefits to the entire enterprise and throughout the supply chain. 3E Company's full product lifecycle and supply chain approach provides a single, integrated solution for managing EH&S capabilities, resulting in reduced cost, risk and liability while improving business and compliance processes.



EH&S Challenges

With the spotlight shining brightly on EH&S compliance, companies are challenged with finding effective ways to address the complexities and intricacies of EH&S compliance management. Not only do these challenges stem from a constantly-changing regulatory landscape, but also from a scarcity of newcomers to the EH&S field, and pressure on EH&S departments to manage increased responsibility with fewer resources. Addressing these issues requires broad and deep domain expertise—expertise that doesn't always exist within the company. And if it does, this expertise is probably best utilized driving the company's overall compliance strategy, not bogged down with paperwork or the administrative burdens associated with maintaining compliance.

EH&S Solutions

At 3E Company, we understand the business and the burden of EH&S information and compliance management. 3E Company is a comprehensive, one-stop solution for content, tools and services for companies that want to take effective leadership and control of their product stewardship and EH&S compliance activities. 3E's products and services help companies make the transition from simply managing for compliance, to cutting-edge product stewardship practices that deliver tangible and sustainable business results.

Contact Us

CORPORATE HEADQUARTERS
3207 GREY HAWK COURT, SUITE 200
CARLSBAD, CA 92010 USA
TEL: +1 760.602.8700

3E Company Canada
1440 Sainte-Catherine West Suite 300
Montréal, Québec H3G 1R8
Tel: +514.257.2900
Toll Free: +888.255.6737
Fax: +514.257.2901
Toll Free: +888.855.5968

3E Company Europe ApS
Lyngbyvej 20, 3
DK 2100 Copenhagen Denmark
P: +45 70 22 81 70
F: +45 39 15 82 69

Visit WWW.3ECOMPANY.COM today to learn more. For more information contact us at 1-800-360-3220 or info@3ECompany.com.

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