

3E Transportation

Round-the-clock access to hazardous materials information and transportation professionals for unparalleled support for the management of dangerous goods transportation compliance



ONLINE



ONCALL ONDATA

Overview

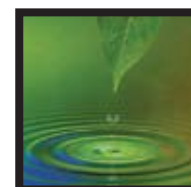
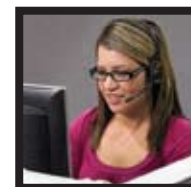
3E's family of Transportation services provides customers with a dependable resource for hazardous material transportation management needs. Customers can access transportation services on an as-needed basis or have their list of products pre-classified for transportation requirements. 3E can also provide real time access to up-to-date transportation regulations online or through a direct data feed.

Regulatory agencies such as the U.S. Department of Transportation (DOT) require that all hazardous materials or dangerous goods for transport be

appropriately classified, packaged, marked, labeled, placarded and shipped with proper documentation. Failing to comply can result in civil penalties and fines of up to \$50,000 per incident, per day. 3E can classify materials for any mode of transportation (ground, air or water) based on 49 CFR HMR, IATA, IMDG and Canadian TDG guidelines.

3E continually monitors changes in regulations, as well as manufacturer product data, and can update classifications on an on-going basis, reducing the time required by internal EH&S staff to keep track of such changes.

A number of services are available to choose from and can be delivered on a variety of platforms, including 3E Online®, a web-based subscription service; 3E OnCall, through the 3E EH&S Mission Control Call Center; and 3E OnData, delivering data through direct integration with a customer's existing ERP, EH&S, EMIS or other corporate system.



Products & Services

3E Transportation Hotline

3E's toll free Transportation Hotline service provides 24-7-365 access to live specialists at the 3E EH&S Mission Control Center, who respond with guidance on classification information, packaging, marking and labeling as well as regulatory questions for any mode of transport including ground, air and water. 3E specialists can advise whether or not a specific product in a specific quantity and type of packaging can be transported in compliance with regulations. 3E transportation specialists can also prepare and provide required shipping papers and documentation for any mode of transportation on behalf of a customer.

3E Transportation Classification

Based on a customer's list of hazardous materials, 3E can pre-classify the items based on the MSDS and/or the packaging for determination of regulatory requirements. The Online version provides reports by mode, such as main hazard class and regulated versus non-regulated. It

also provides the ability to view classification data by product, view required labels for product shipments, and print markings. The OnData version provides a data feed of classification information directly into a customer's corporate system, enabling the customer to reduce data management costs by providing a centralized repository for classification data to be shared with their entire enterprise.

3E Transportation Emergency Response

Companies that ship products containing hazardous chemicals can use 3E's 24-7-365 emergency response telephone number on shipping documents, MSDS or other documents to ensure compliance with transportation and emergency response requirements. 3E specialists can provide guidance on medical or health risks, mixing and reactivity hazards, PPE, spill cleanup procedures and product disposal, including assessing release reporting requirements and performing verbal customer and agency notifications. When a chemical release results in an

emergency situation, 3E can provide total incident management by dispatching a pre-screened emergency response contractor to the incident scene while providing immediate MSDS and chemical information to assist those handling the incident.

Ariel™ Transportation Data

Ariel Regulatory Content related to the transportation of dangerous goods encompasses regulations from around the world, spanning multiple modes of transportation, jurisdictional boundaries and language requirements. Ariel transportation content is available as a module through Ariel WebInsight™, a web-based global chemical regulatory compliance tool, which enables searching by UN or ID number, CAS RN, or Proper Shipping Name. Ariel Dangerous Goods data can also be added as a module to Ariel Data Manager (ADM)™ -EHSAP, for easy integration into SAP® EH&S. ADM is a custom interface for compiling, verifying and loading regulatory data.





The 3E Difference

EH&S Expertise

3E has spent more than 20 years helping company professionals comply with hazardous materials regulations through development of the world's premier hazardous materials information database. It contains millions of current MSDS images and data, as well as related chemical information, global regulatory information and professional resources. Our in-house technical staff includes transportation, emergency response and hazardous materials specialists, trainers, engineers and software developers. With 3E, customers benefit from consistency in using one service

provider to provide hazmat transportation data and guidance to help ensure compliance with transportation regulations as well as corporate policies and procedures.

Features

24-7-365 Access to Transportation Professionals

Immediate toll free access via the 3E EH&S Mission Control Center to transportation specialists for instruction on shipping hazardous materials for all modes of transport. 3E's Transportation Hotline provides multi-lingual support to callers

through live translation services for more than 150 languages in addition to language identification assistance.

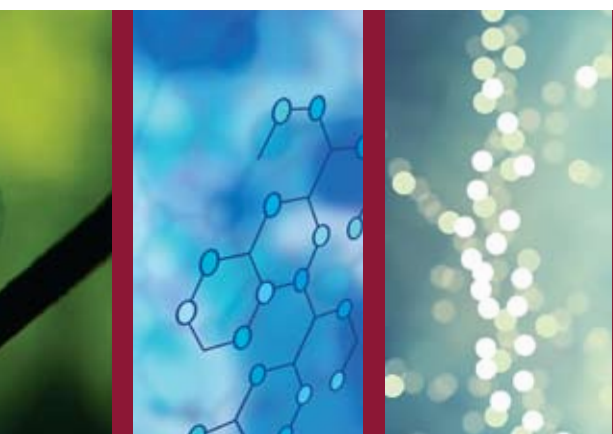
24-7-365 Poison & Exposure Assistance

All callers have immediate access via the 3E EH&S Mission Control Center to 3E's Poison Control provider, which employs physicians who are board certified in internal medicine, emergency medicine, occupational medicine and medical toxicology. Veterinarians are board certified in internal medicine and veterinary toxicology. Other professional staff are certified as Diplomats of the American Board of Toxicology, Specialists in Poison Information, and Veterinary Technicians.



Activity Documentation

3E documents all information related to a customer's transport of hazardous materials, including names, requests and guidance offered. Detailed summary reports of activities are available upon request.



3E Transportation



ONLINE



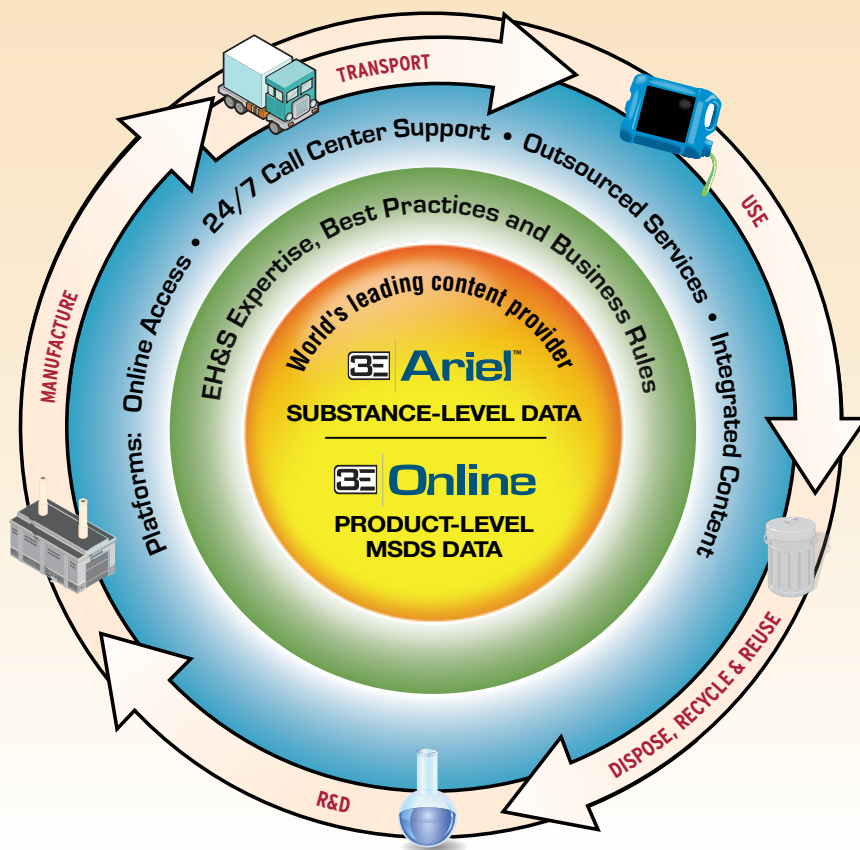
ONCALL



ONDATA

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.

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Regulatory & Compliance Information Services