



3E Protect

 Verisk 3E™

Improve workplace safety with powerful, scalable SDS and chemical management

3E Protect™ from Verisk 3E™ provides immediate access to your chemical inventory and associated Safety Data Sheets (SDSs), 24-7-365. Rather than having to search through multiple binders, spreadsheets or websites, an unlimited number of users can leverage the user friendly interface to locate the SDS they need, in the jurisdiction and language required...anytime, anywhere.

3E Protect's instant internet access coupled with unprecedented around-the-clock services and support provide companies with a highly efficient and affordable solution for complying with Environmental Health and Safety (EHS), hazard communication and workplace safety regulatory requirements.

Verisk 3E's chemical and SDS management tools and services offer a wide range of capabilities to meet the needs of a broad and diverse customer base. Our programs cater to companies of all sizes and industries, doing business in nearly any country. The interface supports a variety of languages, making this an ideal solution for companies with a multilingual workforce or with facilities in multiple countries.

Our solutions are tiered to provide the ultimate flexibility for customers with diverse compliance needs. You can choose from three editions of 3E Protect: Silver, Gold or Platinum. A variety of add-on enhancement modules are also available, ensuring you only pay for the functionality you need. As your compliance requirements and business needs evolve, you can migrate to the solution that best fits your requirements.

What 3E Protect Can Do For Your Organization

Verisk 3E is the industry leading provider of SDS management solutions. It is the content, service and infrastructure behind our online interface that make the difference. All SDS management customers have access to these powerful value-added resources and services.

END-TO-END SDS MANAGEMENT

Our full service, end-to-end SDS management approach simplifies the process for you and truly relieves the burden of SDS management. Simply send us a list of products and let us take care of the rest. Our all-inclusive approach includes matching your product list to the most current SDS, acquiring new SDSs directly from the manufacturer on your organization's behalf, and indexing up to 20 fields of data from each SDS for use within 3E Protect, including GHS classification and labeling information.

GLOBAL MANUFACTURER RELATIONS

Verisk 3E does not simply collect SDSs that are available from free websites. We have spent three decades assembling and maintaining our SDS database. We field a team of dedicated, full time specialists who collect and obtain SDSs directly from, and maintain relationships with, tens of thousands of manufacturers all over the world. They are singularly focused on striving to ensure that the most recent version of the SDS you need, in the jurisdiction and language required, is always at your fingertips.

We continue to evolve to better serve our customers.

 Verisk 3E™
Formerly 3E Company

 3E Generate
Formerly MSDgen®

 3E Optimize
Formerly Ariel® Integrated Content

 3E Connect
Formerly 3ESC® Supply Chain Solutions

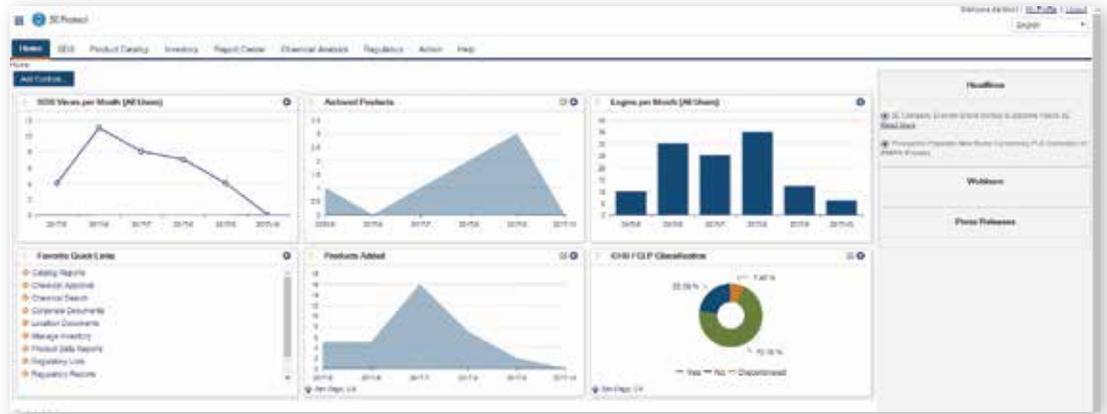
 3E Monitor
Formerly Regulatory Monitoring

 3E Insight^{for Chemicals}
Formerly Ariel Weblnsight

 3E Insight^{for Food}
Formerly ArielLogic

 3E Protect
Formerly 3E Online® - SDS

Award winning 3E Protect provides immediate access to updated SDSs, site specific chemical inventory information and live EHS support 24-7-365.



AROUND-THE-CLOCK SUPPORT

The world renowned 24-7-365 Verisk 3E EHS Call Center handles thousands of calls each week to assist customers with issues ranging from simple SDS requests to guidance or assistance with chemical spills, poison exposure emergencies and large scale natural disasters.

EHS EXPERTISE

Verisk 3E has built a world class organization serving tens of thousands of customers around the world, ranging from Fortune 500 corporations to small, family owned businesses. We invest heavily in attracting and retaining employees with deep EHS domain expertise, and from a wide variety of industries, jurisdictions and backgrounds. EHS professionals find comfort in knowing that the products and services they depend on are built by their peers, who understand the business and burden of global compliance.

SEAMLESS INTEGRATION

3E Protect can be accessed via 3EiQ™, a user friendly portal that allows subscribers to navigate easily between Verisk 3E solutions including 3E Insight™ for Chemicals, 3E Insight™ for Food, 3E Generate™, 3E Connect™, 3E Monitor™, 3E Label™ and 3E Optimize™.

Phone stickers, wallet cards and posters are provided for you to display throughout your facility and provide to your employees.

The image shows a wallet card for SDS (Safety Data Sheets) with the following information:

- Header: SPILLS • EXPOSURES • POISONINGS
- Large text: **SDS** SAFETY DATA SHEETS
- Availability: 24 HOURS A DAY, 7 DAYS A WEEK, 365 DAYS A YEAR
- Website: www.3EiQ.com
- Login instruction: YOU WILL NEED YOUR USER NAME & PASSWORD TO LOGIN
- Contact numbers: +1 800-451-8346 or +1 760-602-8703
- QR code: Scan this QR code to visit our 3E Mobile site <https://www.3EiQ.com/m>
- Verisk 3E logo and address: 3207 Grey Hawk Court, Suite 200, Corkehd, GA 30110, T: 760-602-8700 • sds@verisk3e.com
- Footer: SPILLS • EXPOSURES • POISONINGS

Simple Implementation Options

Implementing a successful SDS management program starts with establishing a baseline inventory of SDSs. However, anyone who has managed SDSs understands that this can be one of the most challenging tasks.

We offer several options for establishing your baseline inventory:

PROVIDE YOUR LIST OF PRODUCTS

Submit your product list to your assigned Service Integration Specialist using a standard template detailing your product inventory. We'll cross reference the items with our massive database and create a product catalog specific to your company. Whether you are migrating from a legacy system or pulling data from your existing ERP, this process simplifies the implementation process.

SEND YOUR SDSs

Submit electronic or hard copies of SDSs to us and we'll do all the work to get them into the system.

BUILD YOUR OWN CATALOG

While many customers are happy to let Verisk 3E assume this burden, you also have the option of building the product catalog yourself, choosing SDSs from our vast repository. If the SDS is not available you can submit a new SDS request through the 3E Protect interface.

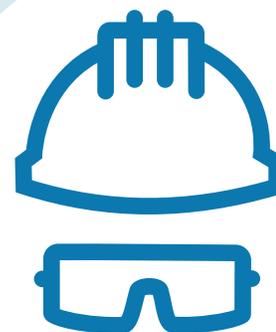
INVENTORY ASSESSMENT

Not sure what chemicals exist or where they are being used? Don't have an up-to-date list of SDSs? For an additional fee, Verisk 3E can send an inventory specialist to any North American location to conduct a full chemical inventory assessment.

OBTAINMENT FROM THE MANUFACTURER

When you choose the appropriate edition for your organization – Silver, Gold or Platinum – you also specify the global regions from which you would like Verisk 3E to obtain SDSs.

If we find there are products in your inventory that require an SDS we don't already have in our database, we will acquire it directly from the manufacturer on your behalf.



Ongoing Maintenance and Support

ROBUST MANAGEMENT AND REPORTING FEATURES

Once the company catalog is built, customers can update, add or delete products from their catalog, as well as run reports. Product inventory changes are available in both summary and detail format. Custom fields can also be added at any time and are visible to all employees.

UPDATES AND REVISIONS

A combination of technology and services ensures our customers' SDSs are up to date. Our Supplier Relations Specialists are continually reviewing SDSs while our proprietary software constantly searches for SDS updates. As new revisions of SDSs are available, the system can be configured to generate alerts to users via email. Verisk 3E is committed to ensuring the most current SDS data is available; this is one of the many advantages of using 3E Protect.



3E Protect provides employees worldwide with easy, instant, online access to the SDSs they need in the language and jurisdiction required, 24-7-365.

Features at a Glance

Dashboard

Home page includes data visualizations of metrics summarizing user access, account activity, usage and regulatory headlines available within the application.

Secondary Container Labeling

Create secondary container labels covering Global GHS, US, Canadian, EU, generic PPE and Barcode templates.

Document Attachments

Provides the ability to upload and organize supplementary documents associated with each product, such as Technical Data Sheets, in multiple formats and languages.

Access to Historical Records / SDS Archiving

Expired SDSs and legacy revisions to SDS are archived and accessible from the application at any time.

Audit and Inventory Reporting

Generate audit reports that detail inventory and user activity.

Online Training

Ensure your employees know how to use the system. Online training is scheduled upon implementation and at any time throughout the terms of your subscription.

Mobile Access

3E Protect is optimized for easy viewing and display on mobile devices.

Unlimited Concurrent Users

There is no limit, or associated fees, to the number of users or administrators that can access and use the system concurrently.

Language Localization

The interface supports a wide variety of languages, enabling users to use 3E Protect in their native language. Available languages include: English, Spanish, French, Italian, German, Dutch, Swedish, Turkish, Japanese, Korean, Thai, Chinese (simplified and traditional), Portuguese, Brazilian Portuguese, Vietnamese, Bulgarian, Danish, Finnish, Malay, Norwegian, Polish, Romanian, Russian, Slovak, Czech, Hungarian, Indonesian and Tamil.

3E SDS on Demand

With 3E Protect you can call us 24-7-365 for live support with SDS requests if you don't have access to the internet.

UPC Lookup

Employees can search the Verisk 3E SDS library by Universal Product Code (UPC), making it easier and faster to access product information from the SDS.

Advanced Features

		Silver	Gold	Platinum
Regulatory Lists	3E Protect is enhanced with a core sub-set of Verisk 3E content, which contains EHS regulations and associated chemical lists, updated monthly. Users can search their chemical inventory to identify regulated or potentially regulated products and chemicals.		●	●
Chemical Approval	Enables customers to effectively manage and control which chemicals enter a given facility by providing the designated Approval Manager the opportunity to review SDSs and other product information prior to purchase.		●	●
Custom Lists	Create custom lists based on specific ingredients, CAS RN or a collection of regulatory lists to create specific queries within the application.		●	●
Regulatory Candidate Lists and Threshold Reports	Generate Candidate Lists, either by product or by chemical, that detail a chemical inventory against US DHS lists, US SARA Title III Sections 311/312/313, and European Substance Volume Tracking (SVT) requirements.		●	●
US Fire Code Classification	View products classified using the National Fire Protection Association (NFPA) and Hazardous Materials Identification System (HMIS) ratings. Products can be classified according to NFPA standards, Uniform Fire Code, BOCA National Fire Prevention Code, and SBCCI Standard Fire Prevention Code.		●	●
SDS Revision Alert	Proactive notification alerts users when an SDS in their inventory has changed and identifies the nature of the change via a side-by-side comparison of the old versus revised SDS. The affected information is highlighted for quick and easy reference and revision notifications can be distributed by email to any designated user.			●
Regulatory Impact	For customers who need access to global regulatory content, this module provides 3E Insight™ for Chemicals subscribers with access to their Regulatory List Bundles and Queries in 3E Protect. Lists and Queries can be cross referenced against the composition of all products stored in 3E Protect, or filtered to raw materials and finished goods.			●
Enhanced Chemical Search	Users can view and search substances in their inventories based on an even wider variety of search criteria, including Molecular Formula, EINECS Number, ELINCS Number, EU Annex 1 Index Number, Japan ENCS, Japan ISHL or Korean ID numbers.			●

Indexation: Capturing and Providing Access To Key Data From The SDS

In addition to the image of the SDS itself, key data fields are captured to enable easy searches by any number of values specified. The type of information and level of detail of the data indexed determines which edition is right for you. Our dedicated team indexes global SDSs in many languages and uses strict quality control procedures to ensure that SDSs are indexed accurately, to your specifications.

Key Data Fields	Silver	Gold	Platinum
Product Name	•	•	•
Manufacturer Name	•	•	•
Manufacturer Part Number	•	•	•
REACH eSDS Flag		•	•
Composition, Min & Max Percentages		•	•
Product Properties		•	•
Hazard Classification (GHS/CLP, US NFPA, HMIS, Canadian WHMIS and EU R&S Phrases)		•	•
REACH Registration Number		•	•
PPE (Personal Protective Equipment)	Optional add-on	Optional add-on	•
Handling and Storage	Optional add-on	Optional add-on	•
First Aid	Optional add-on	Optional add-on	•

Integration With Other Systems

Many departments within an organization can benefit from the content in 3E Protect. Integration with other business applications consolidates data sets and enhances functionality, enabling all stakeholders to access SDS and product data to support challenging compliance requirements ranging from fulfilling employee right-to-know requirements, to regulatory tracking, supply chain analysis, product stewardship and purchasing activities.

Verisk 3E can provide seamless integration of SDS data with a variety of other platforms including:

- Verisk 3E's own 3E Generate SDS authoring platform and 3E Connect supply chain compliance solution
- Airsweb®
- Biovia CISPro®
- Enablon®
- Intelex®
- Jaggaer® Enterprise Reagent Manager
- Kelaroo®
- Locus Technologies®
- SAP® EHS Management
- SAP® Material Management Module

3E Protect Enhancement Modules

Beyond the standard features included in 3E Protect Silver, Gold and Platinum Editions, a number of optional enhancements are available to choose from depending on your EHS compliance needs. Flexible, modular options ensure customers only pay for the functionality they need.

ONSITE INVENTORY ASSESSMENT

Verisk 3E can send an inventory specialist on site to conduct a full chemical inventory assessment and provide a site-specific inventory.

TRANSPORTATION CLASSIFICATION

Our classification team can classify a customer's inventory for many modes of transport and then provide access to the data through the 3E Protect interface. Users can view classification data by product, view required labels for product shipment and print markings. Reports are also available by inventory location that provide information by main hazard class or by regulated versus non-regulated products.

WASTE CLASSIFICATION

This module provides access to waste classification codes for products in inventory for which Verisk 3E has performed waste classification, enabling users to quickly access classification data online and proceed accordingly, streamlining the process and taking the guesswork out of identifying and classifying hazardous waste.

US EPCRA REPORTING

Gather and analyze chemical and product data from your inventory for federal and several U.S. state SARA Tier II EPCRA reports. The interface enables the generation and submittal of the report online. Data can also be exported in a variety of formats.

SAFER CHEMICAL ANALYTICS - RISK ASSESSMENT

3E Protect's risk assessment solution enables your team to perform intelligent risk assessments, evaluating product hazards based on SDS data and exposure considerations.

Users can generate a risk assessment score reflecting the probability of an effect resulting from a chemical or product exposure. You can assess product hazards and exposure considerations to determine adverse effects and mitigation measures.

After identifying and quantifying the potential effects, users can create risk cards detailing risks, hazard statements and control measures in compliance with regulations including the Control of Substances Hazardous to Health (COSHH).



HAZCOM TRAINING AND DOCUMENT STORAGE

3E Protect provides basic hazard communication training materials including a HazCom Employee Manual, Training Presentation, Training Attendance Sheet, Test and Answer Sheet. You can customize these training material templates to fit the needs of employees at each of your facilities as required under OSHA's Hazard Communication Standard. Upload and store each site's training materials, permits and regulatory disclosures within 3E Protect's Location Documents Library to ensure quick access for employees during inspections.

SAFETY CARDS

For organizations, especially those operating within Europe that are required to provide Safety Cards to employees, the Safety Card Module enables the quick and easy creation of these cards, which provide employees an at-a-glance view of the most critical safety aspects of handling hazardous products.

Choose Verisk 3E

Verisk 3E, formerly 3E Company, delivers intelligent compliance solutions that empower companies to reduce risk, drive continuous improvement and create new growth opportunities. For 30 years Verisk 3E has provided clients with the expertise, content, live 24-7-365 EHS support and award winning solutions required to increase chemical and workplace safety, improve product safety and stewardship, strengthen supply chain stewardship and optimize research and development decision support.

We are deeply committed to serving our more than 5,000 customers worldwide, including eight of the world's top ten chemical manufacturers, nine of the world's top ten retailers and nine of the world's top ten pharmaceutical companies. Global locations include our corporate headquarters in Carlsbad, California along with offices in Beijing, China; Bethesda, Maryland; Canton, Ohio; Copenhagen, Denmark; Montreal, Quebec and Tokyo, Japan. Visit us at www.Verisk3E.com.

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