

3E Online™-MSDS: GHS Tools

GHS classification and labeling support for downstream users

As GHS is implemented throughout the world, 3E Company provides the tools and resources needed for effective compliance management.

Dedicated and Specialized Resources for Obtaining GHS Compliant MSDSs

3E's obtainment service works with tens of thousands of manufacturers and suppliers to ensure 3E Online subscribers have the most relevant and recent MSDS. As suppliers author GHS-compliant MSDSs, 3E will source these documents on our clients' behalf and replace the outdated versions.



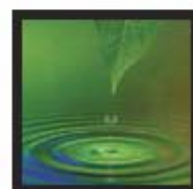
GHS Data Element Extraction

A team of highly-skilled multilingual specialists extract and index up to 20 data elements from each MSDS using strict quality control procedures. Transcribing GHS information is part of this process. Once GHS MSDSs have been obtained, and GHS data elements have been extracted, the information is loaded into 3E Online in order for it to be accessed through 3E Online-MSDS GHS tools. In addition, raw material GHS classification and labeling information can be imported in SAP EHSM through 3E's ADM-VMSDS application.



GHS Labels

3E Online-MSDS features a label tool for creating secondary container labels or Replacing damaged labels for product containers, including four GHS specific templates. They range in size from eight labels per page, up to one full-page label, using standard Avery® stationery. GHS information is pre-populated into these templates based on the data extraction 3E has performed. All information can be edited, as appropriate.



Etibor-48 (Borax Pentahydrate)



Danger

May damage fertility. May damage the unborn child. Causes serious eye irritation.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash eyes thoroughly after handling. IF exposed or concerned: Get medical advice/attention.

Supplemental Label Information
Refer to (M)SDS for more details

Contains
Boron sodium oxide (B4Na2O7) >>Boron sodium oxide (B4Na2O7), pentahydrate

Etimine sa
202 Zone Industriel, Scheleck 2., Bettembourg, L-3225, Luxembourg
Phone: 3525202 02



Trusted Global Provider of Chemical,
Regulatory & Compliance Information Services



Efficient Access to GHS Information

Product Summary Page

The Product Summary page within 3E Online centralizes essential product information, including GHS classification and labeling data, into a structured, easily-to-navigate format. An index is provided for quick navigation to any of its sections, such as GHS.

Classification Page

This page centralizes only classification data extracted from the MSDS – including GHS, Canadian WHMIS, EU DPD, U.S. HMIS & NFPA.

GHS Reports

Classification and Labeling Reports

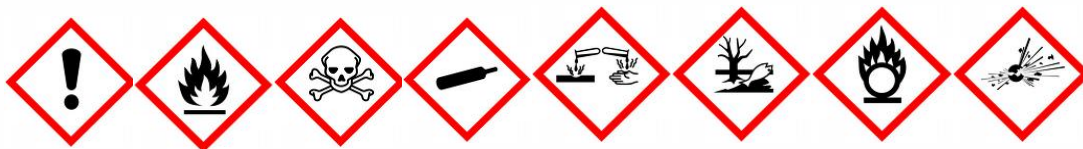
Multiple reports extract GHS information about each product into an Excel format for further evaluation, helping to track which MSDSs have been updated with GHS information as countries transition to GHS. These reports also include a useful DPD and CLP Labeling comparison report that extracts both sets of information to assist with the transition from the current EU DPD regulations to the new CLP requirements.

European DPD & CLP Labeling Comparison Report

Document Title	DPD Hazard Symbols	DPD Risk Phrases	DPD Safety Phrases	CLP Signal Word	CLP H-Codes	CLP P-Codes
Etibor-48 (Borax Pentahydrate)	T	R36, R60, R61	S26, S46, S53	Danger	H319, H360Fd	P201, P202, P264, P281, P305+P351+P338, P308+P313, P337+P313, P405, P501
Calcium Chloride 75- 99 %, CCRoad, CCTech, CCFood, Solid Granule Form.		R36		Danger	H319	P280, P305+P351, P337+P313

Regulatory Reports

Users can generate reports identifying which products in an inventory have CAS numbers on global GHS classification and labeling regulatory lists, such as European, Korean, and Japanese lists (and future U.S. and Canadian GHS lists). Reports can be generated to show changes to these regulatory lists and related impacts to an inventory over specific periods of time.





GHS MSDS Alerts




Weekly Notification

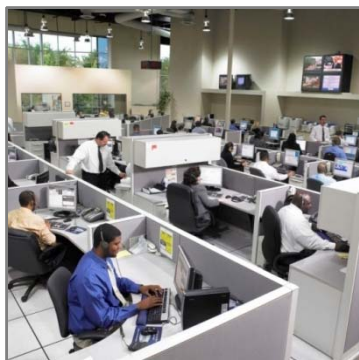
A standard feature of 3E Online includes a weekly notification email which identifies MSDSs that have been revised during the previous week. Links to the previous, and to the updated MSDS are embedded within this email for further evaluation.

Revision Alert Module

Going to the next level of detail, the Revision Alert module of 3E Online is an additional, optional module, which provides an email notification that identifies each specific data point that has changed on the revised MSDS, including classification changes, CAS number changes, and physical and health hazard modifications. The report is displayed in a graphical side-by-side comparison of the previous MSDS and the revised MSDS, with the effected data points highlighted for quick and easy identification.

GHS/CLP Classification and Labeling

<p>Hazard class and hazard category --</p> <p>Signal word Danger</p> <p>Pictograms</p>   <p>Hazard statements <i>Physical Hazard</i> H242 Heating may cause a fire</p>	<p>Hazard class and hazard category</p> <p>Acute toxicity Category 2A Specific target organ toxicity - single exposure Division 1.2 Serious eye damage/eye irritation Type C</p> <p>Signal word Danger</p> <p>Pictograms</p>  <p>Hazard statements</p> <p><i>Physical Hazard</i> H204 Fire or projection hazard. <i>Health Hazard</i> H361d Suspected of damaging the unborn child. <i>Combination of H-Code</i> H242+H361d Heating may cause a fire and suspected of damaging the unborn child.</p>
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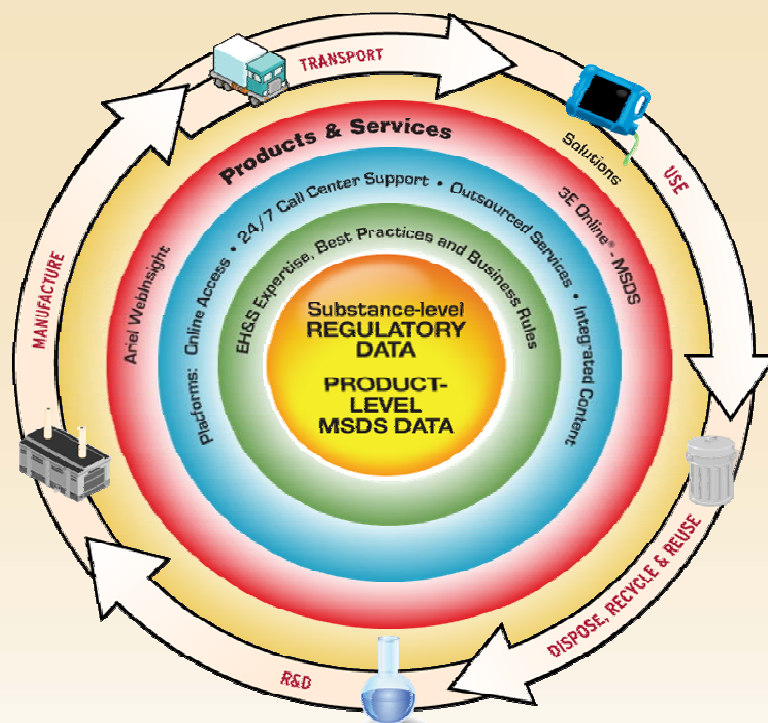


3E Company is committed to helping companies stay ahead of the curve with solutions for identifying and managing increasingly complex and changing global chemical regulatory obligations. For more information about 3E Online's GHS support, or any one of our other upstream GHS support solutions for manufacturers, please contact your 3E Company representative.



Full Chemical Lifecycle Management

3E Company's comprehensive suite of data products and information services enables improved compliance with global 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 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 Solutions

At 3E Company, we understand the business and burden of EH&S information and compliance management. 3E 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. Our products and services help companies make the transition from simply managing for compliance, to cutting-edge business practices that deliver tangible and sustainable results.

Locations

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