

REACH24H

 CRAC 2023  
by REACH24H Consulting Group

# 15TH CRAC 2023

CHEMICAL REGULATORY ANNUAL CONFERENCE

—

## POST CONFERENCE REPORT



# Contents

<b>ORGANIZER</b>	<b>2</b>
<b>CHEMICAL REGULATORY ANNUAL CONFERENCE</b>	<b>4</b>
<b>LETTER FROM CRAC ORGANIZING COMMITTEE</b>	<b>5</b>
<b>CRAC2023 IN NUMBERS</b>	<b>6</b>
<b>CRAC2023 HIGHLIGHTS</b>	<b>8</b>



# ORGANIZER

REACH24H  
瑞欧科技

Founded in 2009, REACH24H has long adhered to its core mission of “Value in Compliance”, offering one-stop global market access services for businesses in the industrial chemicals, pesticides, and disinfectants, cosmetics, food, food contact materials, carbon neutrality as well as pharmaceutical industries.



## About Us

7

Global Branches

14

Years Compliance Experience

300+

Internationally Certified  
Professionals

12,000+

Companies' First Choice



## One-stop Global Market Access Services

Product Compliance  
Consulting Services



Chemical Inspection  
and Testing



Chemical Safety Management  
and Digital Solutions



Media Platform and  
Integrated Business Services

CHEMLINKED  
by REACH24H Consulting Group

## SUPPORT PARTNERS



## MEDIA PARTNERS



## SPONSORS







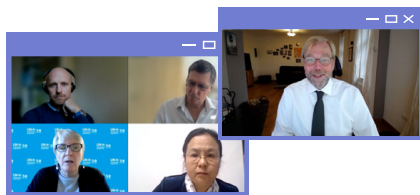
## CHEMICAL REGULATORY ANNUAL CONFERENCE

Since its inception in 2009, the Chemical Regulatory Annual Conferences (CRAC) have been a key platform for promoting international regulatory communication and cooperation. We have been instrumental in inviting the European Chemical Agency (ECHA) to China for the first time in 2009, providing industries with a chance for comprehensive face-to-face exchanges on trade barriers and market changes.

From 2009 to 2019, REACH24H organized CRACs in various Chinese cities, including Hangzhou, Shanghai, Chengdu, and Xi'an. The CRACs brought together participants from diverse industries, who shared cutting-edge information and explored new ideas and solutions for compliance, which contributed to the development and progress of the industries.



During the pandemic period from 2020 to 2022, REACH24H organized CRAC Virtual Forums to bridge knowledge and communication gaps across regions and share innovative and value-added regulatory, policy, and market insights.



In 2023, the 15th Chemical Regulatory Annual Conference (CRAC 2023) takes a significant leap forward, bringing together an even greater number of companies and showcasing splendid experiences. It provides a valuable opportunity to delve into emerging regulatory requirements, and global market trends, and facilitates the exchange of ideas while fostering collaborations.





## LETTER FROM CRAC ORGANIZING COMMITTEE



We are thrilled to share the 15th Chemical Regulatory Annual Conference (CRAC 2023) concluded successfully in Shanghai, China, under the theme "Together We Break Barriers." Over two days, the conference focused on compliance and sustainability, providing invaluable insights into the development trends and regulatory updates in the chemical, pesticide, and recycled plastics sectors, with a particular emphasis on major trading areas.

We extend our deepest appreciation to our esteemed partners, including China Essential Oils, Aroma and Spices Trade Association, Shanghai Customs Brokers Association, CCPIT Sub- Council of Chemical Industry, Shanghai Fertilizer Pesticide Trade Association, Zhejiang Crop Protection Industry Association, Shandong Agricultural Operative Material Association, VEGA Hub, and Guidechem. Your unwavering support has been instrumental in making CRAC 2023 a resounding success.

We extend our heartfelt gratitude to the remarkable speakers whose speeches and discussions enriched the conference experience, fostering a vibrant atmosphere of knowledge-sharing and collaboration.

We also acknowledge the invaluable support from our support partners, media partners, and sponsors, whose dedication to advancing the industry is commendable. Additionally, we appreciate the tireless efforts and contributions of our dedicated staff, whose behind-the-scenes work ensured the event's success.

As we move forward, our commitment remains focused on fostering industry exchanges and driving enterprise development. We are dedicated to supporting the sustainable growth of global enterprises and various industries to the best of our ability.

Thank you for your involvement in CRAC 2023. Let's forge ahead together, eagerly anticipating your continued support and participation in our future endeavors.

**CRAC ORGANIZING COMMITTEE**



## CRAC2023 IN NUMBERS



**5 Sessions**

- Global Chemical Management and Sustainable Development
- Hazardous Chemicals Management and Informatization Practices
- Global Pesticide Registration Management
- Pesticide Market Trends and Landscape
- Global Insights on Recycled Plastics



**45 Guest Speakers**

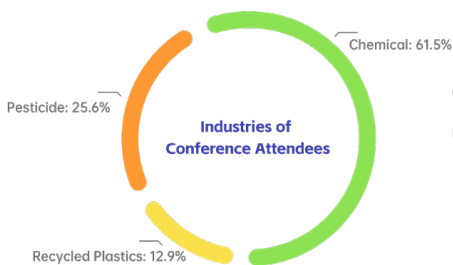
- Government Representatives
- Industry Associations
- International Organizations
- High-Profile Companies



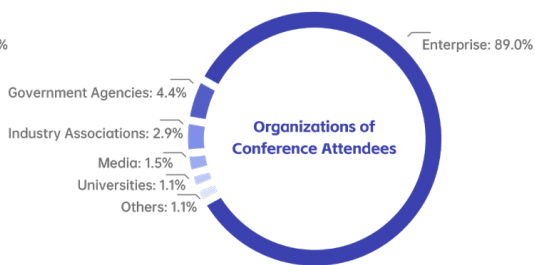
**430+ Participants**

- Government Officials
- Industry Experts
- Media Representatives
- Universities Representatives
- Enterprise Representatives

## Attendee Profile



Industries of Conference Attendees



Organizations of Conference Attendees

## Attendee Testimonials

The hotel, the dining environment, the welcome reception, and the concert were all awesome. The topics are well chosen, and covered all the areas I care about, such as chemicals, plastic sustainability, and carbon neutrality.

I attend CRAC every year, and each year it keeps getting better. I am impressed by the organizer's ability to host such a large conference. It's great! I am eagerly looking forward to more content and surprises next year.

CRAC is always appealing. Every year I think it can't get any better, but the following year always manages to surpass my expectations. CRAC consistently surprises everyone. CRAC2023 was particularly innovative, featuring an outstanding concert and a delightful welcome reception.

The overall experience is excellent, with a beautiful venue, well-planned activities, and comfortable dining arrangements. The topics chosen aligned well with the attendees' needs.

CRAC2023 is just as impressive as previous years, with a refreshing theme and engaging panel discussions featuring notable guests. Additionally, the concert was fantastic.

The concert and welcome reception are very thoughtful, with local characteristics. Well done!

The overall experience was fantastic, with well-organized registration, topics, dining, and discussions. I would like to express my gratitude to the CRAC2023 committee for their meticulous and thoughtful arrangements.

CRAC2023 provided me with a wealth of useful information, including updates on regulations from various countries, insights from industry experts, and opinions from representatives of well-known companies regarding regulations.

CRAC2023 had a highly positive impact. The speakers' presentations were meticulously prepared.

The lucky draw activity was beneficial for the promotion of sponsors. The closed-door discussions within the industry provided a great opportunity for professionals to exchange ideas and network.

The schedule and topic arrangements were well organized. I could see that the committee put a lot of effort into it.

The topics were diverse, and the speakers delivered their valuable insights. I learned a lot. I had the opportunity to network and engage with industry professionals and to directly discuss project progress with staff from REACH24H. The venue and the welcome reception were fantastic. The concert deserves high praise.



## CRAC2023 HIGHLIGHTS

### Global Chemical Management and Sustainable Development

At CRAC 2023, we addressed not only the anticipated updates in chemical regulations worldwide but also several related sectors to broaden the industry's horizons. Our goal is to engage in meaningful discussions on topics that are truly important and valuable, to help the industry break free from conventional thinking and drive innovative changes to adapt to these evolving times.



**肖学智** 首席科学家  
生态环境部对外合作与交流中心  
首席科学家

**Chemical Management Trends and Sustainable Business Development**  
Xue Zhong | Chief Scientist | Foreign Environmental Cooperation Center, Ministry of Ecology and Environment



**第15届全球化学品**  
15TH CHEMICAL REGULATORY  
2023年11月16日 - 17日 | 中国·上海  
16-17, 2023 | Shanghai, China

**Building Compliance Awareness, Capability and Taking Action**  
Jian Xiao | President | Shanghai Customs Brokers Association



Not yet included in environmental management existing management measures are insufficient.

**Sources and Types of New Pollutants**  
Sources of new pollutants using toxic and hazardous chemicals

**Exploring the Chinese Chemical Environmental Management Policies**  
Tingting Yu | Official | Department of Solid Wastes and Chemicals, China MEE



Substance Control Law (Japan) 1988: Canadian Environmental Protection Act (Canada) 1993: Toxic Chemicals Control Act (Korea) 1999: Canadian Environmental Protection Act (Canada)

**MEE Order No. 12: New Chemical Registration Implementation Review and Outlook**  
Yan Ma | Expert Solid Waste and Chemicals Management Center, China MEE



**The Latest Trends in European Chemical Management**  
Catherine Cornu | Senior Scientific Officer | ECHA



**EU Chemicals Management: Evolving Regulations and Enhanced Enforcement Insights**  
Henrik Hedlund | Chair | Enforcement Forum, ECHA



**Indian Chemical Legislation Developments & Latest Updates**  
Organization: REACH24H Consulting Group  
Speaker Name: Aman Sharma (Global Regulatory Affairs)  
History Annual Conference | Nov 16-17, 2023

**Indian Chemical Legislation Developments & Latest Updates**  
Aman Sharma | Global Regulatory Affairs Consultant | REACH24H Consulting Group



**Ms. Yuhui Ni**  
General Manager  
Environmental Resource International Co., Ltd

**Taiwan Region's Chemical Management: Current Status and Future Outlook**  
Yuhui Ni | General Manager | Environmental Resource International Co., Ltd





Peipei Zhang  
REACH24H Consulting Group

Up-to-Date Insights on REACH-Like Chemical Regulations  
Peipei Zhang Technical Director REACH24H Consulting Group



Current status and risk management of nanomaterials

Organization: National Institute of Environmental Research, Ministry of Environment, Republic of Korea  
Name: Jaewoong Lee, Government Research Officer, PhD.  
Regulatory Annual Conference | Nov 16-17, 2023

Current Status and Hazard Management of Nanomaterials in South Korea  
Jaewoong Lee Government Research Officer South Korea's NIER



Win-Win: How CCER Can Help Companies Reduce Emissions and Cut Costs  
Qinlin Chai Director for Strategy and Planning China's NCSC



朱良伟 Zhu Liangwei  
中国石油和化学工业联合会 CPCIF  
2023年11月16日 上海

The Policy Environment, Impact on Carbon Emission Reduction & Good Practices of Carbon Reduction Pathways for Petrochemical Industry  
Liangwei Zhu Deputy Head China Petroleum and Chemical Industry Federation



All green certificates are certificates, I-REC, Hong  
Buy carbon offset (e.g. CCER)  
green certificate  
Footprints

Europe's Green Revolution: Embraced Low-Carbon Sustainability with Inspiring Insights  
Bixuan Wu Special Researcher of China Carbon Neutrality Forum (Wenxin Low Carb)



Closed-Door Research  
Reportable Analysis  
Meeting for the Paper B  
the Haz  
Material  
Industr

Building Hazardous Chemicals Industry Committee to Promote Supply Chain Compliance Development  
Hongxin Yuan Director Dangerous Goods Expert Committee of SCCE



Dr. Wenji Fan  
China's Research Institute of Highway Ministry of Transport  
Associate Researcher

Current Policies and Prospects for the Transport of Dangerous Goods in China  
Wenji Fan Associate Researcher China's Research Institute of Highway Ministry of Transport



Ms. Binglin Lu  
China Packaging Research & Test Center (CPRTC)  
Senior Engineer

Compliance Practice on DG Packaging and Testing, Including Lithium Battery Products  
Binglin LU Senior Engineer China Packaging Research & Test Center (CPRTC)



Willi Wesselowsky  
UMCO GmbH  
Senior Expert for Dangerous Management & Plant Safety

Update and Implementation of EU Lithium Battery Transport Management Regulations  
Willi Wesselowsky Senior Expert UMCO GmbH



Briefing on American DG Transportation Regulations, and Requirements for Lithium Battery Products  
Terry Guo Regulatory Specialist INMM



## Expert Insights

- 👉 [Environmental Management of Chemicals in China](#)
- 👉 [ECHA's Insight: Evolving Trends in European Chemicals Management](#)
- 👉 [Latest Developments and Trends in REACH-Like Chemical Regulations](#)
- 👉 [Taiwan Urges Prompt Action for Priority Existing Chemical Registration](#)
- 👉 [Industry Concerns over Hazchem QR Code Application in China](#)
- 👉 [Shanghai to Pilot Hazchem Traceability Code in 2024](#)

(Source: [ChemLinked](#). Apply for a [free trial](#) to read the full content.)

## Global Pesticide Registration and Market Trends

The pesticide session at CRAC 2023 focused on pesticide registration in China, as well as the U.S. EPA pesticide registration, and EU plant protection products and pesticide regulatory updates and changes. In addition, the session featured a half-day dedicated to market trends, with discussions on innovative compounds, industry development, and collaboration to help companies make informed decisions and stay ahead of the curve.



**Li Zhao** Invited Keynote Speaker  
Deputy Director of Shanghai Chemical Examination & Mensuration Institution



**Environmental Risk Assessment in Pesticide Registration**  
Hui Jiang, Research Professor, China's ICAMA



**Key Thoughts and Practice of Registering and Marketing New Pesticide in China**  
Jingping Guo, Senior Technical Expert, REACH24H Consulting Group



**Innovative Development and Collaboration under the Refined Development of the Agrichemical Industry**  
Eva Hoß, General Manager, Agrigo



**Global Current Status and Development Trends of Biostimulants**  
Jian Liu, Chief Director, China Biostimulants Professional Committee



**Strategic Planning of Data Compensation for US EPA Pesticide Registration**  
Markus W. Brombacher, President, INEX, LLC



**Identification and Strategies for Patent Risks in the Agricultural Chemical Industry**  
Wenjie Cao, Lawyer/Patent Attorney, Beijing Yingke Law Firm Changshu



**Identification and Strategies for Patent Risks in the Agricultural Chemical Industry**  
Xiaomeng Zhang, Regulatory and Technical Engineer, REACH24H Consulting Group





## Global Insights on Recycled Plastics

At CRAC 2023, attendees had the opportunity to gain insights into the specific regulatory requirements, compliance standards, and market trends in China, the EU, the US, and other relevant markets. Experts and industry professionals shared their experiences and strategies for navigating the regulatory landscape, ensuring compliance, and meeting the growing demand for sustainable materials.



# CRAC 2024

16TH CHEMICAL REGULATORY ANNUAL CONFERENCE

*September 2024*

*Pay the Deposit and Get a 20% Off Discount!*

## Secure Your Spot Now

- \* Pre-registration Deadline: March 1, 2024.
- \* Pre-registration Discount: Pre-register and pay deposit before March 1, 2024, to enjoy a 20% discount off the regular price.
- \* Exciting Draw: First 50 deposit-paying participants will enter a draw for a chance to win a one-night stay at the conference hotel in 2024.

**Sponsors Welcome!**

**Contact REACH24H**

Tel: +86-571-87007592 Email: [crac@reach24h.com](mailto:crac@reach24h.com)

## Services For Chemical And Pharmaceutical Industries And Traders

UMCO has been offering compliance solutions for the distribution and handling of chemicals all over the world for the last 40 years. Their customers benefit from a complete advising service for substances, plants, organization, and transport of the highest quality. UMCO's service portfolio includes especially services for chemicals and pharmaceutical industries and traders:



**European Safety Data Sheets:** We provide you with up-to-date, legally compliant European safety data sheets, validate and check (supplier) safety data sheets, and prepare REACH exposure scenarios. We have our own IT software and an intuitive, easy-to-use app that gives you round-the-clock access to your documents. In addition, interface solutions are available to quickly transfer data to your IT system.



**Notification, Registration and National Authorisation of Substances and Mixtures:** We provide a full registration and authorisation package for REACH substances and Biocidal Products, as well as an approval service for Biocidal Active Substances in the EU. We also offer notification services for substances, hazardous mixtures and biocidal products in the EU. For substances outside the EU, we work with an extensive network of partners across different countries.



**Dangerous Goods:** Thanks to many years' hands-on experience in warehousing, the chemical industry and port logistics, we can identify potential problems immediately and devise lasting solutions for seamless dangerous goods transports. We can supply an external dangerous goods adviser, set up an internal dangerous goods structure as well as resolve complex one-time issues.



**Safety-Health-Environment-Management:** Our expert assists you in all kinds of ways – starting with the appointment of advisers on plant safety, waste handling, water protection etc., to providing support on individual projects in, e.g., environmental protection, plant approval, occupational safety, and back-up advice, through to assuming responsibility for entire areas.



**Compliance and Audits:** We conduct random compliance audits to check your company's status, to identify possible compliance risks and to devise recommended courses of action with you. We can check for compliance with legislation on REACH, dangerous goods, occupational safety, waste, water protection, etc. Furthermore, we offer process-based system checks, such as hazardous substances management, third-party companies, and permits.



**International Network:** The focus of all our services has always been on ensuring that our customers' operations are permanently in regulatory compliance – no matter where they are in the world. Together with our international partners, we offer services relating to global chemical management, transport of dangerous goods, storage, occupational safety, environmental protection, and plant safety.

Get in touch with us:

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Website: <https://www.umco.de/en>

## COMPANY PROFILE

### 公司简介

## 北京颖泰嘉和分析技术有限公司

### NUTRICHEM LABORATORY CO., LTD.

公司成立于2004年，于2006年获得OECD GLP证书，之后又陆续获得CMA、CNAS及ICAMAGLP证书。不仅通晓世界各国农用化学品登记资料要求及试验指南，也是符合生态环境部新化学物质申报要求的化学品测试机构。十多年来为几百家客户出具过一万多份测试报告，在全球用于50多个国家的农用化学品及工业化品登记注册及进出口，包括中国及欧洲国家、美国、加拿大、日本、韩国、澳大利亚、巴西、墨西哥等国。

Founded in 2004, Nutrichem Laboratory obtained OECD GLP certificate in 2006, then CMA, CNAS and ICAMA GLP certificates in subsequent years. The lab is a chemicals test facility that meets the requirements of the Ministry of Ecology and Environment for the registration of new chemical substances, and we are familiar with registration data requirements and test guidelines of pesticides and chemicals all over the world. Since 2006, we have issued thousands of test reports for hundreds of customers, which are used in the registration, import and export of pesticides and industrial chemicals in more than 50 countries around the world, including China and European countries, the United States, Canada, Japan, South Korea, Australia, Brazil, Mexico and other countries.



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杜硕  
15383316593



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**北京颖泰嘉和分析技术有限公司**  
公司地址：北京市昌平区生命园路27号



公司名称：  
**苏州敬咨达检测服务有限公司**  
公司地址：江苏省苏州工业园区方洲路128号6区1栋4楼



公司网址：<http://www.nutrichem-lab.com/>





天然等同  
Natural Chemicals



松节油衍生物  
Turpentine Derivatives



合成香料  
Aroma Chemicals



天然香料  
Natural Products



食品添加剂  
Food Additives



WX **WANXiang** TECHNOLOGY 方香科技



# 国色天香·源自万香

用中国香料调制全球味道



产品图册



松节油新品图册

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Safety Through Intelligent

Risk Management

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Embedding

Wise  
HAZOPing

Wise  
Managing

Unlock the Power of RiskWise for Safer and More Efficient Operations. Contact Us Today!

## Wise HAZOPing

### 1. Seamless Information Integration

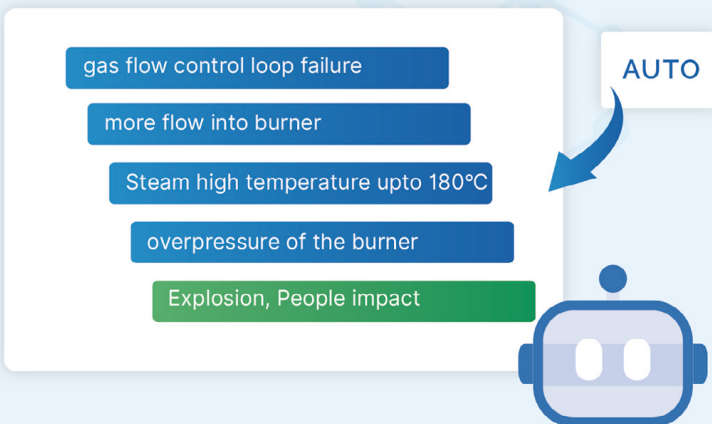
- \* Unified uploading of equipment lists, various safeguard lists, and chemical lists into the system, enabling real-time monitoring of preparation progress.
- \* Intelligent data recognition for direct referencing during assessments, streamlining the process and saving valuable time.

### 2. Intelligent Event Chain Assembly

- \* Intelligent recommendations for event chain completion, significantly reducing record time by 70%.
- \* Smart assembly of event chains to create a comprehensive factory event knowledge graph.

### 3. Versatile Risk Assessment

- \* Support for multiple risk assessment methods (HAZOP, What-If, JSA etc) with automatic calculation of safeguard effectiveness and risk rankings.
- \* Multi-chain risk calculation, LOPA calculation, SIL rating, and independent analysis of safeguard effectiveness.







# Wise Embedding

## 1. Real-time Anomaly Handling

- \* Operators can select any event as the top event for causal diagram queries, swiftly identifying event causes.
- \* Integration with alarm relationship systems for direct display of alarm-related event causal diagrams.

## 2. Dynamic Interlock Management

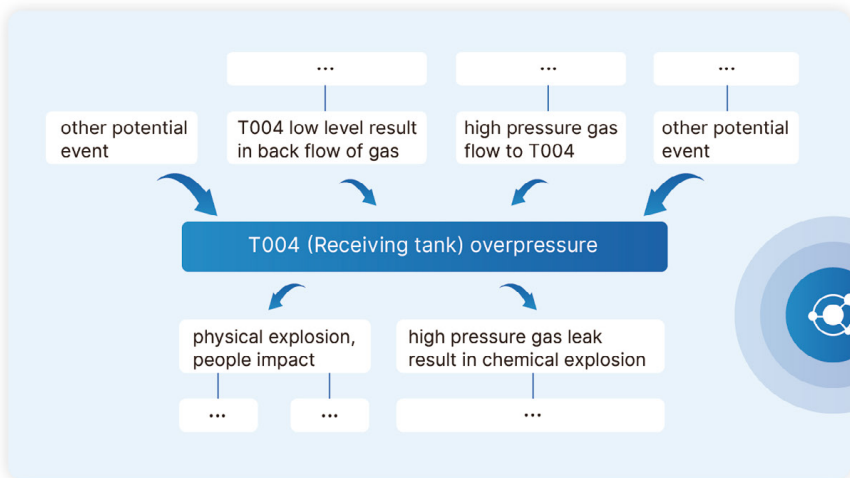
- \* Swift querying and display of specific interlock/alarm-related event chains.
- \* Dynamic simulation of interlock/alarm bypass risk changes.

## 3. Comprehensive Consequence Insight

- \* Quick compilation of comprehensive lists of consequences for any device/node, identifying severe consequences.
- \* Drill down into incident logic trees for deeper insights.

## 4. Continuous Knowledge Enhancement

- \* Immediate integration of newly added risks into the existing knowledge graph.
- \* Smart integration of newly discovered incidents into the current risk framework.



# Wise Managing

## 1.Strategic Risk Zoning

- \* Risk zoning management specifying range, responsible personnel, highest-risk event chain, initial risk, and residual risk ratio.
- \* Zone-based statistics and display, dynamic risk calculation with safeguard effectiveness, and integration with safeguard inspection systems.

## 2.In-depth Risk Analysis

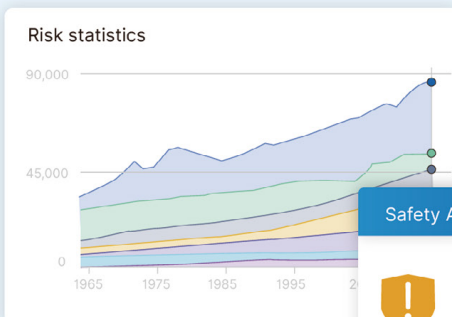
- \* Drill down into event chains to unveil high-risk factors.
- \* Support for drill-down viewing of statistical values, answering the "why" question, and illustrating potential consequences of poor management.

## 3.Safeguard Tracking and Management

- \* Comprehensive management of risk-related safeguards in one place.
- \* Viewing PSI information from a risk prevention and control perspective.

## 4.Tailored Viewing Permissions

- \* Hierarchical event chain viewing permissions.
- \* Role-based permissions management for employees, engineers, and management personnel.



# Shanghai EverCreative Standard Testing Co., Ltd



Shanghai EverCreative Standard Testing Co., Ltd is located in Jing'an District, Shanghai. It is a comprehensive technical service institution specializing in inspection, testing, and regulatory consulting. Relying on the National Key Laboratory for Chemical Classification and Identification, we focus on providing enterprises with customs-approved identification of hazardous characteristics, testing for chemical hazards identification, and inspection and testing of dangerous goods.



Has obtained the business agency authorization for Customs Key Laboratory

Has obtained the qualification certification of CMA and CNAS testing institutions

We have established our own testing laboratory and have collaborated with multiple branch laboratories.

With a professional and efficient team, we have served over 4,000 companies worldwide.



**We offer diverse services with specialized teams.**

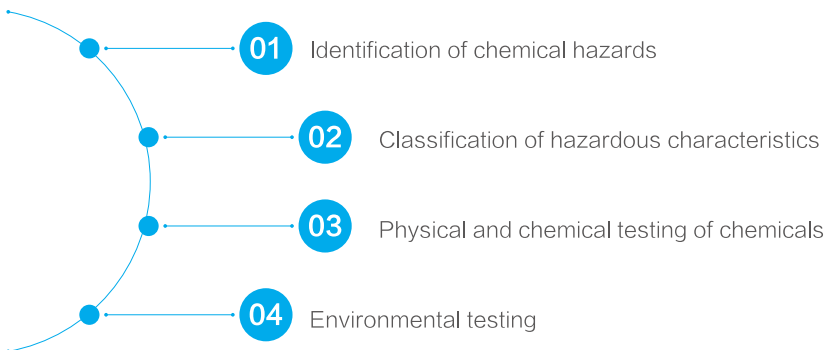
Please scan our Enterprise WeChat QR code for further inquiries. ▶



Address | Our laboratory is located on the 2nd floor of Building D, No. 1218, Wanrong Road, Jing'an District, Shanghai  
 Official Website | [www.sh-hchb.com](http://www.sh-hchb.com) Email | [info@sh-hchb.com](mailto:info@sh-hchb.com) Telephone information | 199-2118-5015 021-56410722



## Chemical Inspection And Testing



## Chemical Compliance Consulting



- 1, Global ghs/sds/label preparation
- 2, Application for hazardous chemical qualifications/licenses
- 3, Pre-declaration consultation for chemicals
- 4, Import and export compliance consulting

**We Provide Efficient And Professional Services That Are More Comprehensive, Streamlined, Time-Saving, And Technologically Advanced.**

**We offer diverse services with specialized teams.**

Please follow our WeChat Official Account for more information. ▶

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**Official Website** | [www.sh-hchb.com](http://www.sh-hchb.com) **Email** | [info@sh-hchb.com](mailto:info@sh-hchb.com) **Telephone information** | 199-2118-5015 021-56410722



