

Your Chemical Footprint Matters!

Introducing ChemAlert 5.
Integrated technology platform for managing
Chemical Footprint, Compliance and Reputational Risk

ChemAlert.
CHEMICAL FOOTPRINT

© How We Got Here

With 7.4 billion of us living on the planet we, as ingenious creatures of innovation have created an unnatural world to ensure our own survival on our overburdened planet.

Not content with what we found, we became capable of shaping our future and our own world.

We did not realise the earth's supply was not infinite.

Today, 90% of our everyday environment is our own creation; chemicals, manufacturing and processes that help to make us more of everything - more comfortable, warmer, cooler, fitter, better, stronger.

We have innovated to make our food last longer, grow faster, taste better. To help us survive in this natural world.

We want our lives to be easier.
But at what cost?

Why We Should Care

At the cost to our health, our climate, the environment, to our children's future. At a cost to our natural world.

The decisions we have made in it, and the management of this created world of ours, has affected every single life form on this planet.

And not always for the best.

- › 4 million tonnes of toxic chemicals released into the environment
- › 2.7 million tonnes of Bisphenol A released into our atmosphere
- › 4.9 million deaths each year attributed to exposure to hazardous chemicals
- › Asthma rates in children increased by 77%

It has come time for us to engage our human ingenuity yet again to bring harmony between the natural world and the one we have created.

We Can Change

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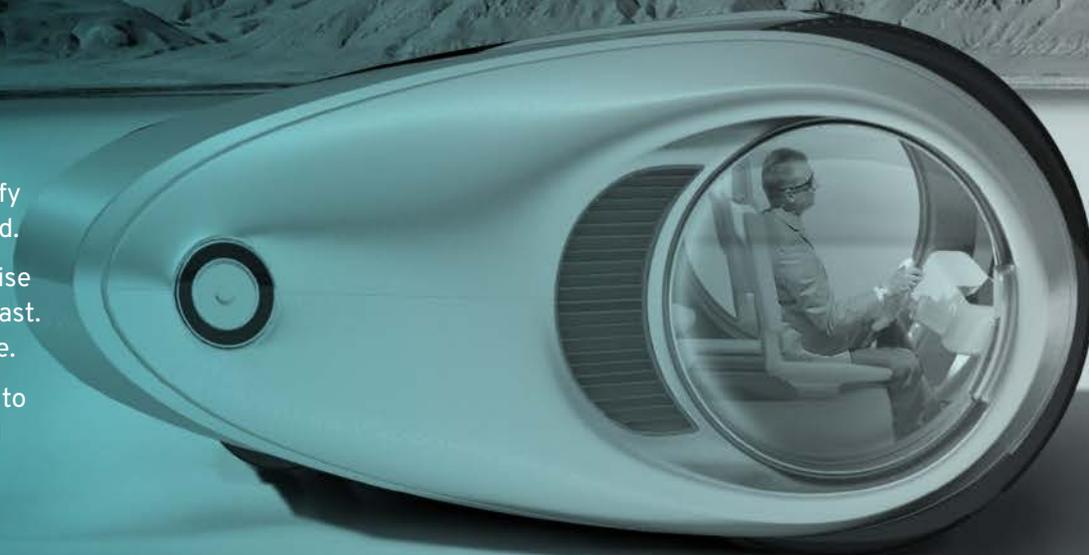
Today, man made technology can help rectify and harmonise our place in the natural world.

We have the knowledge, experience, expertise and foresight to avoid the mistakes of the past. We can influence the footprints of the future.

We are making it possible for organisations to benchmark, manage and minimise chemical footprint while simultaneously meeting our compliance needs.

At RMT, our Science and Technology teams are leading the field in research on chemicals safety and continuing to create solutions to help organisations address both current and future risks.

As the custodians of planet earth today, we have inherited the past but now have the opportunity to create a better future.



How Can We Help?

The critical impact that chemical toxicants can have on human and environmental health is driving stringent new changes to the global regulatory framework.

Organisations are therefore required to responsibly manage products within their supply chain that contain Chemicals of High Concern (CoHC).

To enable clients to respond efficiently to these increased levels of transparency, whilst managing their compliance and reputational risks, RMT has developed the revolutionary new ChemAlert Chemical Footprint Management System and Mobile Solution.

Strategy and Scope

Detail chemicals policy inclusive of legally recognised and CoHC and prohibits use through procurement and by contractors.

Includes re-assessment of products that contain CoHC.

Provides for explicit preference for the use of safer alternatives.

Measures performance of the above as a means of accountability.

1

Chemical Footprint Measurement

Establish baseline list of products in use/sold that contain CoHC.

Set reduction goals for both number of products in use/sold containing CoHC, and by volume / weight of CoHC by either consumed discharged / waste.

Define number of CoHC products (existing/new) replaced by safer non CoHC alternatives.

2

Verification - Disclosure

Share details of your organisations Chemical Footprint activities to all stakeholders detailing: Number of products used / sold / distributed that contain CoHC.

Targets set for reduction and performance against targets for CoHC.

Actively seek supplier input to reduce CoHC from safer alternatives.

Update stakeholders regularly on progress.

3

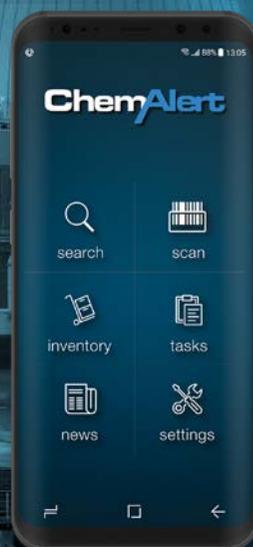
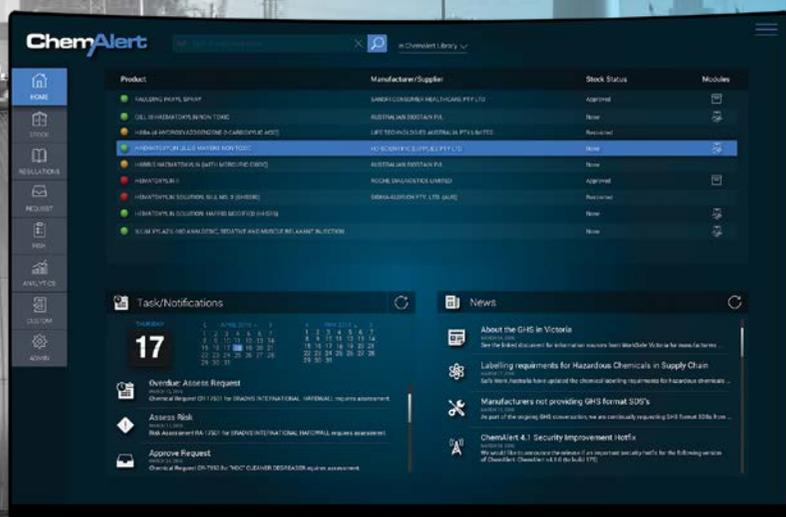
- Regulators and markets are demanding safer alternatives with significantly lower chemical footprints.
- The critical impact that toxicants can have on human and environmental health is already driving organisations to tightly control products within their supply chain that contain Chemicals of High Concern (CoHC).
- The above process and new toolsets within ChemAlert provide an efficient platform for managing your Chemical Footprint.

Mobile Application

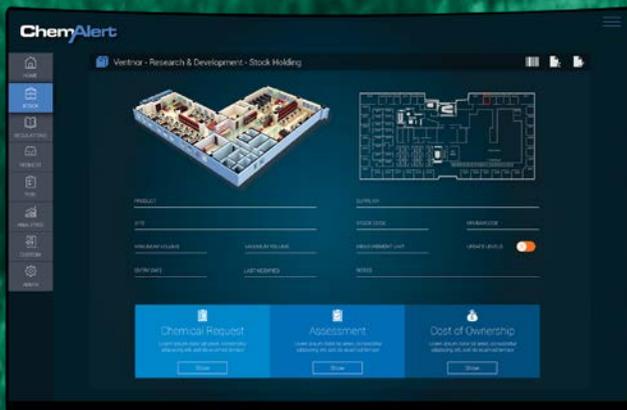
The ChemAlert mobile application integrates directly with your instance of ChemAlert. Not only does the ChemAlert app provide accurate and current product data, users can also view and update their stock inventory directly from their Smartphone device. Users can even enhance stock data by uploading pictures on the go.

The ChemAlert mobile application is registered to each user which transfers their preferences and also maintains the security around their login permissions.

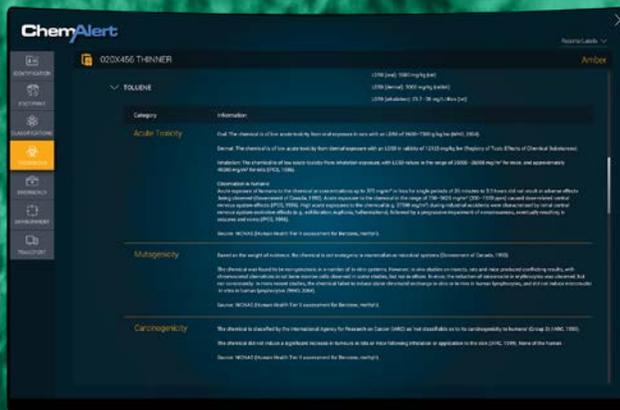
▼ New Mobile Application with Barcode and RFID toolsets



New User Interface



▲ Comprehensive Inventory Management

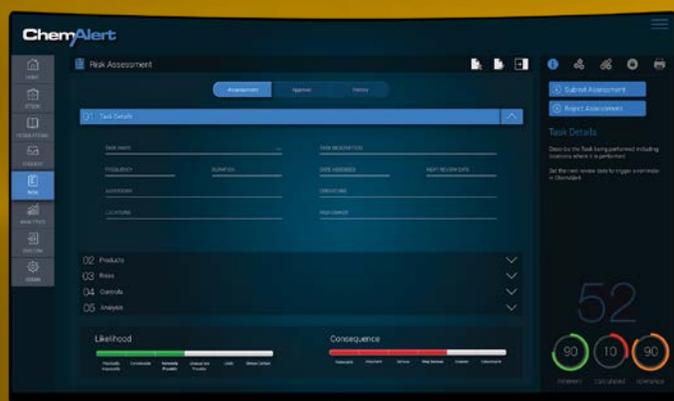


▲ Comprehensive Toxicology and Regulatory Data



▲ New Chemical Footprint Action Boards

New Risk Action Boards



▲ New Risk Assessment Action Boards



▲ New Risk Bubble Chart Profiling



▲ New Analytics Action Boards

Independent Research

ChemAlert is supported by a full-time team of university qualified Toxicologists, Chemists, Environmental Scientists, Industrial Hygienists and Safety Experts who evaluate every SDS before it's added to the database.

ChemAlert is more than a software system, it's the depth of knowledge and research available through the experienced professionals in our Science team. Our Science team is continuously researching emerging scientific data from REACH, NICNAS, HSDB and other relevant scientific sources to provide detailed ingredient toxicological data complimentary to each SDS.

Not just the information you're required to have, but ALL the information you need to make the safest possible decisions about the chemicals in your workplace.

Quality SDSs

ChemAlert provides users access to a constantly maintained quality database of current, original manufacturer's SDSs. The team at RMT continually check with manufacturers for updated SDSs and our Auto Product Update (APU) engine ensures all users are automatically updated when new or updated SDSs are reviewed by our Scientific team.

ChemAlert does NOT provide generic, transcribed or off-the-shelf reports. Instead, the original manufacturer's SDS is provided in conjunction with complementary ChemAlert Reports, compiled by our team of qualified Scientists.

Toxicity & Regulatory Data

ChemAlert not only gives users access to original manufacturer's SDSs for hundreds of thousands of products, but also independent research from many local and international sources, all in one powerful, user friendly application. Users will have access to comprehensive toxicology data on products and ingredients, providing all of the information required to maximise chemical awareness, ensuring the best chemical products are selected, handled and stored in the safest possible way.

ChemAlert, a trusted name combining professional experts with incredible technology to deliver amazing results.

Technology That Works Anytime, Anywhere

To promote and enhance. To bring greater clarity. To enable mobility and connectivity. Using the latest industry standards, ChemAlert works on both iPhone and Android tablets/phones as a native application. Laptop and desktop users are able to use almost any modern web browser conforming to HTML5 standards. Hosted from our Tier I data centre provider using SSL encryption protocols and proven disaster recovery backup, ChemAlert is the fast, most reliable, safest and secure choice in chemicals management.

Interest Profile

It is commonly said that you only get out what you put in. However, it is all too common for software systems to get this so very wrong. To assist with that, ChemAlert features an Interest Profile tool to ensure users are notified when important information is modified, either in-application or via email. Combined with Analytics and Action Board functionality, ChemAlert provides powerful reporting and business insights.

Barcodes, QR Codes and RFID

ChemAlert is embracing clever technologies to track inventory and quickly find safety data using barcoding technologies. Utilising both manufacturer barcodes or client custom barcodes, ChemAlert enables clients to embrace multiple forms of scanning technology to maintain up-to-date inventory data. From the latest data comes the greatest insight.

To complement our ChemAlert software platform, RMT also provides a suite of chemical safety management services delivered by experienced chemical management experts. Whether you need a safety audit, a new SDS or help with staff training, we can tailor a customised solution for your needs.

Chemical Safety Audits

With greater regulatory pressure on businesses to comply with legislation relating to chemicals in the workplace, it is more important than ever to review your current procedures to ensure your obligations are met.

Our experts will work with you and your team to identify all areas of your operations where compliance issues exist.

Our audit report will make recommendations to achieve compliance, deliver SDSs and establish appropriate chemical safety management procedures.

RMT's Chemical Safety Auditors are highly experienced and qualified professionals, experts in chemical safety management. All Audits and Risk Assessments are conducted or reviewed by a member of the Australasian Institute of Dangerous Goods Consultants.

Stock Implementation

To get your ChemAlert system up and running smoothly in the shortest possible time, our expert implementation team can install, configure and enter all your relevant chemicals data into your database. This is the best way to ensure SDSs and management reports are easily accessible and your chemical management system is fully compliant.

On-Site Risk Assessments

In Australia, the WHS Act and Regulations require the elimination of health and safety risks so far as is reasonably practicable, and if it is not reasonably practicable to do so, to minimise those risks.

To assist in complying with these obligations, our team of Risk Assessors have the expertise to understand the chemical hazards and risks associated with your business, and document measures to eliminate or minimise risks to health and safety.

Our safety management processes are based on steps set out in Safe Work Australia's Code of Practice on How to Manage Work Health and Safety Risks.

SDS Authoring & Hosting

RMT authors and maintains Safety Data Sheets (SDSs) for thousands of chemical manufacturers and suppliers. Our SDSs are authored to the highest standard, complying with all relevant legislative standards and supplied in a globally recognised format.

All SDSs are compiled and verified in-house by a team of qualified Scientists, Hygienists and Toxicologists. We ensure SDSs are automatically updated to comply with mandatory review periods and changes in regulatory classifications.

We also provide an optional, user-friendly SDS Hosting service through which our SDS Authoring clients can easily make their SDSs available online to all potential distributors and end users. You don't need a ChemAlert subscription to use our SDS authoring or hosting services.

ChemAlert Training

Training Options to Suit Your Needs

Public Courses

The ChemAlert comprehensive user training course is offered to the public at various cities around Australia and New Zealand, scheduled according to demand.

On-site Courses

With site-based training we can come to your workplace and train your team on-site at a time and location that suits you. There is a choice of four courses to suit your needs.

E-Learning

Our downloadable, interactive eLearning packages are a flexible, efficient and effective training solution for those who prefer to learn at their own pace.

About Us

RMT was originally formed in 1991 as a consulting partner specialising in chemical and industrial risk management.

Since that time, we have grown into an internationally recognised risk management technology provider with a reputation for relentless innovation, scientific analysis and project excellence.

With an overwhelming drive to contribute to the protection of human health and the environment our dynamic work culture inspires thought leadership and creativity, driving new methodologies, enabling clients to make informed strategic decisions on emerging issues.





Some of Our Clients



Trusted by
governments, industry,
NGOs, manufacturers
and universities globally



ChemAlert is developed
and supported by

RMT
RISK MANAGEMENT TECHNOLOGIES

For more information please contact RMT - Risk Management Technologies:



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www.chemicalert.com