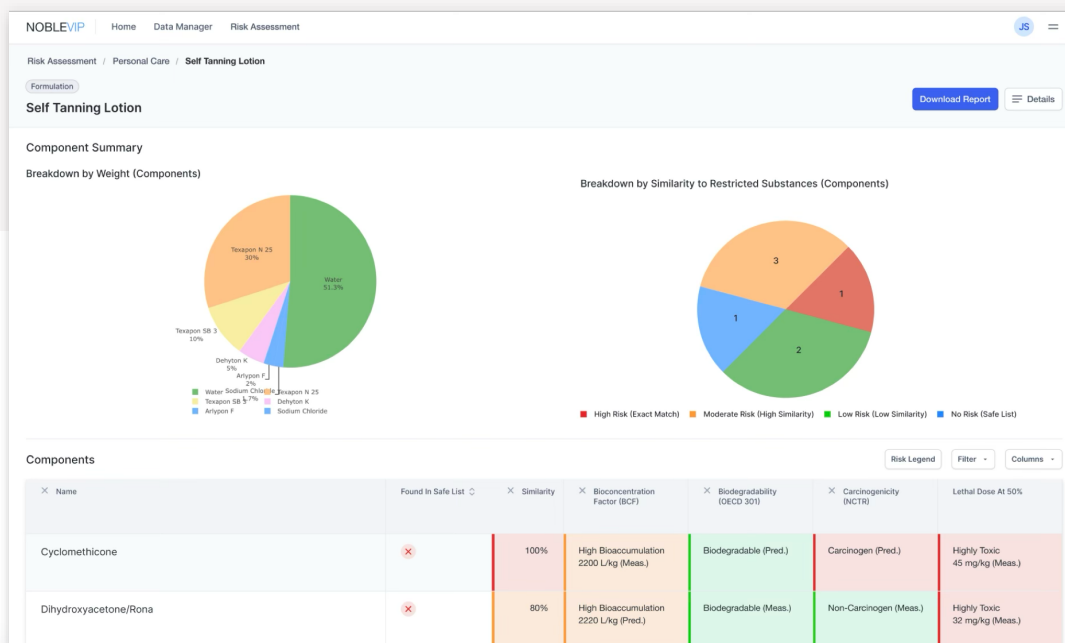


Risk Assessment + Ingredient Replacement



About NobleAI

NobleAI delivers practical AI solutions for chemistry and energy companies tackling complex, multi-scale challenges. Our Science-Based AI technology and VIP Platform compress months of work into minutes, which accelerates innovation, improves decision-making, and creates substantial economic value. Trusted by global enterprises, our proven AI solutions help optimize performance, reduce time-to-market, and drive profitability.

Risk Assessment + Ingredient Replacement

NobleAI Risk Assessment (RA) empowers teams to rapidly identify and evaluate risks in product formulations, while Ingredient Replacement (IR) delivers real-time, safer alternatives for hazardous or unsustainable components. These tools enable data-driven decisions that ensure product safety and sustainability without sacrificing performance.

Together, RA and IR on the VIP Platform offer a comprehensive solution to accelerate development timelines, meet regulatory requirements, and maintain product excellence, all achieved in minutes instead of months.

Risk Assessment



Substance Risk Evaluation

Analyze substances to identify potential physical, chemical, and environmental hazards.



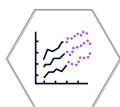
Toxicology Data Integration

Integrates toxicology databases and regulations to provide comprehensive toxicity information.



Regulatory Compliance Checker

Cross-checks substances with global regulations to ensure compliance with hazardous substance rules.



AI-Powered Risk Prediction

Predict risk profiles of substances using machine learning models based on chemical properties.



Automated Reporting

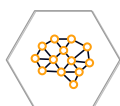
Generate and export risk assessment reports for decision making and team-wide collaboration.

Ingredient Replacement



New Inverse Design Job Type

Access ingredient replacement optimization directly within existing job workflows.



AI-Driven Replacement Solutions

Predict alternative formulations using machine learning while preserving key properties.



Formulation Property Matching

Retain critical formulation characteristics like viscosity, stability, and performance.



Formulation Comparison Insights

Compare old and new formulations based on safety, performance, and cost.



Regulatory Compliance Integration

Ensure suggested formulations meet global and regional regulatory standards.



Want to learn more? Let's talk.
contact@noble.ai

www.noble.ai

