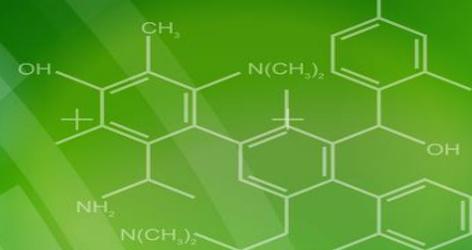


# Green Pocketbook

Enabling Toxicity Aware Research



Green Pocketbook® is a powerful web-based software offered through yearly subscription. It offers comprehensive chemical and toxicological information of more than 90 MILLION chemicals and visually shows chemical's toxicity implications (environmental, health and safety scores) to help non-toxicologists (chemists and engineers) make environmentally-friendly decisions.

Chemists must select the starting materials out of millions of available choices throughout product development life-cycle. Ideally, they would prefer to use non-toxic, sustainable chemicals. But availability of toxicological data on raw material is practically non-existent, and interpreting this data to understand the toxicity implications on health, safety, and environment requires training and complex analysis. Green Pocketbook empowers scientists to select better chemicals.

## KEY FEATURES

### Comprehensive Toxicity Data

- Displays more than 40 physical and toxicological properties
- Alerts you to most US and international regulatory concerns
- Data curated from over 100 public/Govt. sources, QSAR estimations to fill data-gaps
- Estimates toxicity profiles of new/postulated molecules, based on structure

### Advance search

- Offers multi-criteria search based on functional groups, chemical category or classification, property values, etc.

### Green Scores

- Automatically correlates chemical & toxicological profiles to quantify ecological, health, safety impact
- Visually displays 'green scores', allows comparison among chemicals

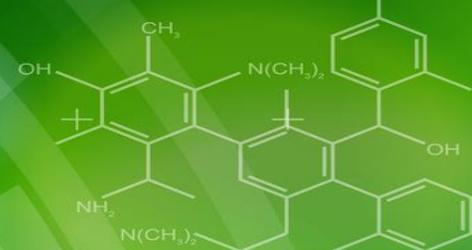


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## Benefits for R&D

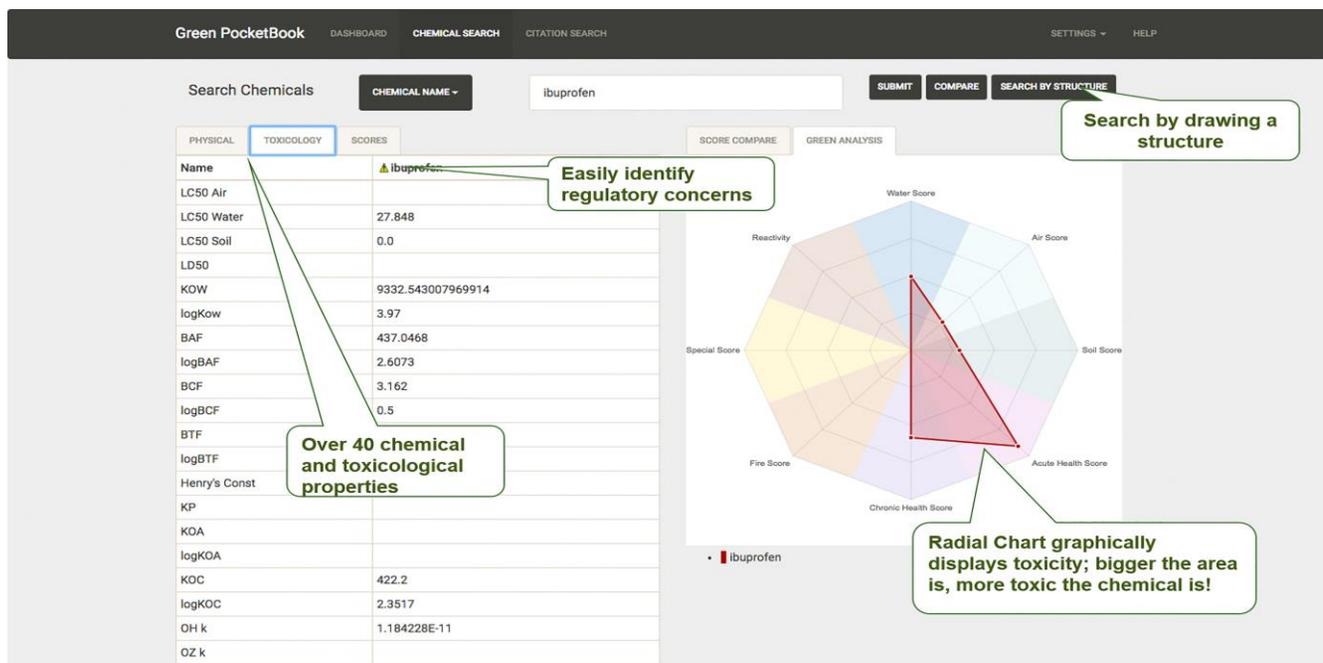
- Early toxicity awareness of new molecules
- Ability to choose less toxic starting material and minimize toxic waste
- Awareness of regulatory concerns
- Adoption of Green Chemistry without extra efforts/training

## Benefits for EH&S/SHE

- Precautionary tool for scientists while handling chemicals
- Better lab management and preparation for emergencies (to isolate fire/health hazards)
- Essential information about chemicals (including GHS classification) available digitally

## Benefits for Academics

- See the correlation between properties and toxicity scores
- Explore how structural changes affect toxicity scores
- Identify Greener chemicals within functional groups
- Appreciate the regulatory concerns



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