

# TOXICOLOGY AND HUMAN SAFETY ASSESSMENT



PROVIDING NOVEL SOLUTIONS FOR AN INCREASINGLY DEMANDING REGULATORY WORLD

## SUPPORTING YOU WITH TOXICOLOGY AND HUMAN SAFETY ASSESSMENTS

- Data gap analysis and evaluation of data quality
- Read-across arguments for study waivers
- Interpretation of data packages
- Developing higher-tier testing strategies
- Design, monitoring, interpretation and integration of regulatory and mechanistic studies
- Calculation of derived no-effect levels (DNEL)
- Preparation of chemical safety reports and robust study summaries
- Determination and refinement of hazard classifications
- Expert waivers for hazard declassification
- Human exposure modelling and assessments
- Preparation of safety data sheets for REACH, Globally Harmonised System (GHS) and EU member states
- Expert regulatory advice and problem resolution
- Advocacy, product defence and mediation with regulatory authorities

## RECENT COMMISSIONS

- Advocacy and product defence for a phthalate under the REACH Community rolling action plan (CoRAP) procedure
- Hazard assessment of mixtures
- Use of read across to reduce mammalian safety testing for fragrance ingredients
- Re-evaluation of a carcinogenicity hazard classification
- Comparison of the safety and efficacy of two detergent formulations with a marketed product
- Evaluation of reproductive and general toxicity for a waste-water heavy metal scavenger
- Inhalation toxicity assessment of novel monomers for the aerospace industry
- Occupational exposure assessment
- Endocrine disruptor reviews
- Refinement of no-effect endpoints for mammalian wildlife risk assessments
- Reduction of a hazard classification for a substance use in polymer manufacture

WITH CEA, CLIENTS HAVE ACCESS TO INDUSTRY AND REGULATORY SPECIALISTS WITH A UNIQUE COMBINATION OF EXPERTISE AND EXPERIENCE.



**OUR TEAM OF MORE THAN 30 SCIENTISTS** BRINGS TOGETHER EXPERTISE FROM INDUSTRY, RESEARCH AND REGULATORY AUTHORITIES, THEREBY ENABLING US TO FIND SOLUTIONS TO SEEMINGLY IMPOSSIBLE PROBLEMS.



## WHAT CEA OFFERS

ENVIRONMENTAL FATE

FIELD FATE AND STEWARDSHIP

EXPOSURE AND SPATIAL MODELLING

AQUATIC TESTING AND ANALYSIS

ECOTOXICOLOGY AND RISK ASSESSMENT

**TOXICOLOGY AND HUMAN SAFETY ASSESSMENT**

CHEMICAL REGULATORY SUPPORT

## ABOUT CAMBRIDGE ENVIRONMENTAL ASSESSMENTS

Since 2001, CEA, an RSK ADAS Ltd company, has delivered bespoke strategic and dossier support for chemical and product registrations across Europe. Our team of more than 30 scientists brings together expertise from industry, research and regulatory authorities, thereby enabling us to find solutions to seemingly impossible problems.

Our services range from data evaluation and substance identification through state-of-the-art modelling and specialist higher-tier studies for the refinement of risk assessments to the compilation of whole dossiers or dossier sections. Our clients span manufacturers, formulators, end users, trade associations and regulatory agencies.

**Visit our website or speak to a specialist to find out how we can help you to bring your products to market safely and quickly.**

## CONTACT

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CEA offers a range of regulatory services for REACH (1907/2006), plant protection products (1107/2009), biocidal products (528/2012), food additives (1333/2008), novel foods (258/97), veterinary medicines (2001/82/EC) and human pharmaceuticals (2001/83/EC).

CEA is part of RSK ADAS Ltd, the UK's largest independent provider of agricultural and environmental consultancy, research and development, and policy advice.

