



**Add value.
Inspire trust.**

Safety Data Sheet (SDS) Classification, Labelling & Packaging of Chemicals (CLP) Toxicological Risk Assessment (TRA) Poison Centre Notifications (PCN) Services

Your challenges

Regulatory requirements can often have a significant impact on downstream users, manufacturers and importers responsible for putting chemical substances or mixtures into circulation in the EU, US and UK. Consequently, it becomes imperative for them to ensure that any hazard is appropriately communicated to protect the users or consumers.

What is SDS, CLP, TRA and PCN?

- Safety data sheet (SDS) is a document which includes information about the properties of the substance or mixture, its hazards, instructions for handling, disposal, transport, first-aid, firefighting and exposure control measures. The format and content of the safety data sheets are outlined in REACH Regulation (EC) No 1907/2006.
- Classification Labeling and Packaging of Chemicals (CLP) pose risks that should be indicated throughout the supply chain. The EU therefore has the legislation (EC) No 1272/2008 in place that requires companies to classify, label and package their chemicals before placing them on the market with an aim to protect workers, consumers and the environment as well as the free movement of substances, mixtures and articles.
- Toxicological Risk Assessment (TRA) is safety evaluation of a product based on its composition and intended uses. TRA is a science-based approach aimed at

describing the quantitative risk of adverse effects of chemicals, preferentially in humans. Requirements regulated under EU legislations include 2001/95/EC, (EC) No 1272/2008 and 2009/48/EC.

- PCN (Poison Center Notifications) is a process by which a company reports information about a hazardous mixture to a single European poison center database. Poison Center Notification (PCN) contains information on composition and toxicology, trade name, color and packaging details - as well as a 16-digit unique formulation identifier, the UFI (Unique formula identifier). EU Poison Centre Notification (PCN) requirement is a part of the EU CLP regulation (EC) No 1272/2008).

Your business benefits

- Safety Data Sheet (SDS) provides a mechanism for transmitting appropriate safety information on substances and mixtures. Downstream users can identify and apply appropriate measures to adequately control the risks.
- Classification, Labeling and Packaging of Chemicals (CLP) involves a process of finding out how the chemicals you supply can harm you, others or the environment. The regulation ensures that the hazards presented by chemicals are clearly communicated to workers and consumers in the European Union through their classification and labeling.

- Toxicological Risk Assessment (TRA) is significant in evaluating the potential health risks associated with chemical exposure, especially in the context of chemical mixtures. Since the legislation cannot take account of all substances that a product may contain, the manufacturer must also assess the likelihood of presence of substances which are not prohibited or restricted. If the assessment concludes that a material contains more than the permitted quantity of a restricted substance, or that a non-regulated substance will present a risk, the manufacturer must evaluate how to manage the risk.
- PCN (Poison Center Notifications) are submitted by importers and downstream users placing mixtures classified as hazardous for human health or physical hazards on the market. PCN enables quicker and Adequate Emergency Treatment in case of unintentional exposure with hazardous mixtures.

TÜV SÜD - Your trusted partner in assessing risks related to chemicals

TÜV SÜD's certified team of toxicologists (ERT - European Registered Toxicologists and ABT - American Board of Toxicology) support your SDS, CLP, TRA and PCN requirements for chemical mixtures intended to be sold across various markets globally.

TÜV SÜD provides an extensive suite of services related to mandatory legal requirements for chemical substances & mixtures, facilitated by cutting edge software applications, for a wide range of products and product categories, including:

- Candles and wax melts with pigments and fragrance
- Potpourri with fragrances
- Aroma diffusers
- Toys and art materials
- Cosmetics
- Household products such as detergents, dish-washing liquids

- Aerosols and sprays such as deodorants, air fresheners or spray paints
- DIY and home improvement products such as varnishes, lacquers, sealants and adhesives
- Pesticides and biocides

Our solutions encompass SDS management, identification of hazards based on harmonized classification, appropriate labelling based on legal requirements and support in notifying poison centers.

Why choose TÜV SÜD?

At TÜV SÜD, we understand that every organization has unique needs and challenges. Our team of experts work closely with clients to develop tailored solutions that address specific requirements, ensuring personalized attention and support throughout the process.

Add value. Inspire trust.

TÜV SÜD is a trusted partner of choice for safety, security and sustainability solutions. It specialises in testing, certification, auditing and advisory services. Through more than 26,000 employees across over 1,000 locations, it adds value to its customers, inspiring trust in a physical and digital world. Our scope of testing and compliance is widely known throughout the industry, and our product testing and certification mark is trusted around the world. With an international network of laboratories and multidisciplinary experts, we offer a personalised one-stop solution designed to assist you with complex processes and regulatory mandates.

Related services

TÜV SÜD provides the following related services:

- Chemical safety of raw materials and products (based on RoHS, POP, REACH regulations)
- Biological testing services: Biocompatibility, ecotoxicity, microbiological testing
- Packaging biodegradability testing and certification
- Chemical safety of process chemicals according to ZDHC MRSL
- Toys testing
- Candle Testing
- PIF (Cosmetic Product Information File) and CPSPR (Cosmetic Product Safety Report) Services