CAMEO Suite Programs

CAMEO*fm* - Database and Information Management Tool
CAMEO*fm* is a database application that includes eight modules (such as Facilities and Contacts) to assist with data management requirements under the Emergency Planning and Community Right-to-Know Act (EPCRA). Each year, facilities covered by EPCRA must submit an emergency and hazardous chemical inventory form to their LEPC, SERC, and local fire department. Most facilities submit a Tier II form, which contains basic facility identification information, employee contact information, and information such as storage amounts, storage conditions, and locations for chemicals stored or used at the facility. You can use CAMEO*fm* to store this information, by entering it manually or by importing a Tier2 Submit™ file (if the facilities and/or planners in your state use that program). CAMEO*fm* can also be used to navigate between ALOHA, MARPLOT, and the CAMEO Chemicals desktop program.

CAMEO Chemicals - Chemical Response Datasheets and Reactivity Prediction Tool
CAMEO Chemicals has an extensive chemical database with critical response information for thousands of chemicals. There are two primary types of datasheets in the database: chemical datasheets and UN/NA datasheets. Chemical datasheets provide physical properties, health hazards, information about air and water hazards, and recommendations for firefighting, first aid, and spill response. UN/NA datasheets provide response information from the Emergency Response Guidebook and shipping information from the Hazardous Materials Table (49 CFR 172.101). In addition to the information on the datasheets, you can also add chemicals to the MyChemicals collection to see what hazards might occur if the chemicals in the collection were mixed together. CAMEO Chemicals is available as a website, mobile website, mobile app, and desktop program. (The mobile app and desktop program formats can be used offline.)

MARPLOT - Mapping Application for Response, Planning, and Local Operational Tasks

MARPLOT is a mapping application. The program comes with several global background basemap options, with maps in both street and satellite view. Users can add to the information shown on the map by drawing their own objects (such as chemical facilities, schools, or response assets) or by importing layers of objects already created by other sources. Map objects can be linked to records in CAMEO*fm*, in order to store additional information about these locations (such as emergency contact information or site plans). Additionally, the areas contaminated by potential or actual chemical release scenarios can be displayed on the maps to determine potential impacts and help users make decisions about the degree of hazard posed by the releases.

ALOHA - Areal Locations of Hazardous Atmospheres

ALOHA is an atmospheric dispersion model used for evaluating releases of hazardous chemical vapors. ALOHA allows the user to estimate the downwind dispersion of a chemical cloud based on the toxicological/physical characteristics of the released chemical, atmospheric conditions, and specific circumstances of the release. ALOHA can estimate threat zones associated with several types of hazardous chemical releases, including toxic gas clouds, fires, and explosions. Threat zones can be displayed on MARPLOT maps to help users assess geospatial information, such as whether vulnerable locations (such as hospitals and schools) might be impacted by the release or whether other nearby factors (such as construction zones) might complicate the response.