

# SuperChems™ User Group Meeting

## January 11 - 12, 2010 in Houston Texas

### Overview:

ioMosaic Corporation is proud to announce the fourth annual SuperChems™ User Group Meeting. This two day meeting will provide comprehensive educational sessions, practical case studies, an indication of future SuperChems™ developments, as well as provide an opportunity for SuperChems™ users to give feedback and influence future versions. Topics will be presented by both ioMosaic staff, and expert SuperChems™ users from the industry.

SuperChems™ has developed significantly in recent months, with the Quantitative Risk Analysis (QRA) capability greatly enhancing its capabilities. This meeting will enable SuperChems™ users to catch up on areas of SuperChems™ which they may not be familiar with, or to enhance their expertise in areas they are already familiar with.

### Topics:

- ◆ SuperChems: Past Present & Future
- ◆ Emergency Relief System Design Capabilities and Developments
- ◆ Emergency Relief System Design Case studies
- ◆ Source Term Characterization
- ◆ Dispersion Analysis
- ◆ Fire and Explosion Modeling
- ◆ Quantitative Risk Analysis
- ◆ Future Developments of SuperChems™ & Feedback Session

### Who Will Benefit:

This meeting will benefit SuperChems™ users of any level. Process industry professionals responsible for performing emergency relief system design, or consequence and risk assessment, will greatly benefit.

### Meeting Details:

The SuperChems™ User Group Meeting will take place in Houston Texas on January 11 - 12, 2010 at the Holiday Inn Near the Galleria located at 3131 West Loop South, Houston, Texas. Attendance is free and will include breakfast, lunch and refreshments on both days.

## Meeting Outline

### Day One

#### Emergency Relief System Design:

**Introduction:** Presents range of ERS modeling, options within SuperChems™.

**Fundamental:** Covers steady state and dynamic modeling of relief scenarios. Demonstrates flare network modeling process. Discusses ERS case studies. Presents advanced ERS modeling techniques and advice.

### Day Two

#### Quantitative Risk Analysis:

**Introduction:** Presents range of consequence analysis modeling options within SuperChems™.

**Fundamentals:** Demonstrates process of QRA modeling using SuperChems™ from source term characterization, dispersion modeling to results interpretation. Considers automated QRA option available within SuperChems™. Discusses QRA case studies. Offers advanced QRA modeling techniques and advice.

#### Reactivity Modeling:

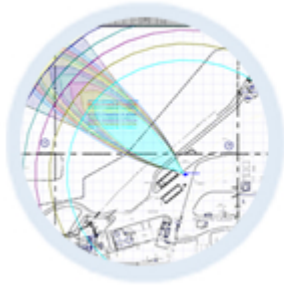
**Introduction:** Presents SuperChems™ materials database and reactivity modeling capabilities.

**Fundamentals:** Discusses VLE and reaction models available within SuperChems™. Demonstrates SuperChems™ reactivity matrix.

#### About SuperChems™

SuperChems™ is the only fully integrated software application for quantitative risk analysis (QRA) that contains a fully validated set of models and tools to proceed seamlessly through the analysis from the source term to the final risk results. This advanced tool will display consequence and risk results over-layed on GPS maps of the facility under review. SuperChems™ provides a huge improvement in the efficiency of conducting QRAs as well as superior presentation of results.

This versatile application is also the industry gold standard for design and evaluation of emergency relief systems, including vent headers and flares, and thermal hazards assessment of reactive chemicals. Its rigorous modeling capabilities enable companies to conduct detailed consequence and risk analysis in order to make technically sound risk-based decisions.



## SuperChems™ User Group Meeting Registration

January 11 - 12, 2010 in Houston Texas

Please complete this form to register and fax to: 603-251-8384  
or mail to: *ioMosaic Corporation, SuperChems™ User Group Meeting, 93 Stiles Road, Salem, NH 03079.*  
You can also register online at: ([www.iomosaic.com](http://www.iomosaic.com)).

### MEETING LOCATION:

#### **Holiday Inn Houston Near the Galleria**

3131 West Loop South

Houston, TX 77027

P: 713-961-1640

[support@iomosaic.com](mailto:support@iomosaic.com)

Will Attend

Unable To Attend

Name:

Company:

Title:

Address:

City:

State

Zip

Phone:

Fax:

Email:

Comments:

For your convenience you can also register via our website: [www.iomosaic.com](http://www.iomosaic.com)

Fax this form to: ioMosaic Corporation SuperChems™ User Group: 603-251-8384

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