


P2OASys Activity 1

P2OASys
Where to find it:
<http://p2oasys.turi.org/>



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Activity 1: Evaluate an Alternative for TCE

- Break out into teams (need at least one computer per group)
- Materials Needed:
 - P2OASys Tool (p2oasys.turi.org)
 - Handout with P2OASys Categories/Endpoints
 - Safety Data Sheet
 - Daraclean 232, or
 - ShopMaster LpH 5770
 - Hazard Score Matrix Handout
 - Activity 1 Information Handout

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Activity 1: Evaluate Alternatives for TCE (cont.)

- Assign at least one person with computer as recorder
- Complete as a team: acute and chronic human effects
- Divide up ecological, fate and transport, atmospheric and physical properties among team members
- Complete as a team: process and life cycle factors
- Save information (Export CSV)
- Upload alternatives for Activity 2

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Welcome to P2OASys
Get Started

What is P2OASys?

Highly toxic compounds pose the greatest environmental, worker, and public health risks of alternative technologies aimed at reducing fuel use. The goal is more comprehensive and systematic testing of these products under laboratory conditions to identify chemical hazards early in the product lifecycle. The test can assist companies in:

- Identifying hazards in the product development and testing stages of product, assessing the risk impacts of process changes, rather than costly trials of chemical changes.
- Comparing products with current processes used in production and quality control.
- Identifying hazards early in the product lifecycle to allow for design changes and hazard mitigation, which can then be coordinated with other information sources and professional judgment to make decisions on product development. Companies that both understand and optimize risk in the chemical lifecycle benefit of other chemical properties, and changes to meet their needs.

Any questions or comments can be directed at adam.hopwood@turi.org.

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<http://p2oasys.turi.org/>

Welcome to the P2OASys Tool!
Information P2OASys can be found on the TURI webpage [here](#).

Create New Assessment

Name	P2OASys Format	SDS Format	Remove

Assessment Score Summary

Upload A Chemical/Product To the P2OASys Database

Upload A Mixture To the P2OASys Database

Export Data to CSV

Getting Started

Name of Product:
 CAS Number:
 Is this a chemical or a product?
 Chemical Product Mixture


Chemical
individual chemical using a single SDS. Must enter chemical name and CAS

Product
evaluating a product with multiple chemicals but only using one SDS

Mixture
combined previously entered Chemicals to create your own product

Choose Your Format to Input Data

Chemical Daraclean 232 was added

Daraclean 232
[Click here to add another product](#)
[Click here to return to the P2OASys Tool](#)
[Click here to enter data using the P2OASys Format](#) 
[Click here to enter data using the SDS Format](#)

P2OASys Format:
 Enter data in the order of the P2OASys categories

SDS Format:
 Enter data in the order the values would be likely found on an SDS or external resources

Start Activity 1

(We will be walking around to assist you.)

Let's Input Our Data!

Welcome to the P2OASys Tool!

Information P2OASys can be found on the TURI webpage [Data](#)

Create New Assessment
Load From P2OASys Database

Name	P2OASys Format	SDS Format	Remove
Daraclean 232	Enter Data	Enter Data	Remove
ShopMaster Light 570	Enter Data	Enter Data	Remove

Assessment Score Summary
Compare Entered Data

Upload A Chemical/Product To the P2OASys Database
Upload A Mixture To the P2OASys Database

Export Data to CSV
Import Data from CSV

Hazard Score Matrix

Exporting Data to CSV Chemical/Product

Welcome to the P2OASys Tool!

Information P2OASys can be found on the TURI webpage [here](#)

Create New Assessment
Load From P2OASys Database

Name	P2OASys Format	SDS Format	Remove
Daraclean 232	Enter Data	Enter Data	Remove
ShogMaster Lpt 5770	Enter Data	Enter Data	Remove

Assessment Score Summary
Compare Entered Data

Upload A Chemical/Product To the P2OASys Database
Upload A Mixture To the P2OASys Database

Export Data to CSV
Import Data from CSV

Hazard Score Matrix

Load From Database:
 allows you to use a chemical, product or mixture that has been reviewed by TURI and available to be used in session Search TURI database for chemicals by name or CAS number. Check the chemical and click on the submit button to add to current evaluation session

Uploading a Chemical/Product

Welcome to the P2OASys Tool!

Information P2OASys can be found on the TURI webpage [here](#)

Create New Assessment
Load From P2OASys Database

Name	P2OASys Format	SDS Format	Remove
Daraclean 232	Enter Data	Enter Data	Remove
ShogMaster Lpt 5770	Enter Data	Enter Data	Remove

Assessment Score Summary
Compare Entered Data

Upload A Chemical/Product To the P2OASys Database
Upload A Mixture To the P2OASys Database

Export Data to CSV
Import Data from CSV

Hazard Score Matrix

Name	CAS Number	Submit
Daraclean 232		Submit
ShogMaster Lpt 5770		Submit

End of Activity 1

Questions?
