DRAFT July 2005
XXX Panel
General Information on Exposure

1.0 Production Volume, Physical Form of Marketed Product and Use Pattern

The ___ chemicals(s) supported by the XXX Panel can be classified as (*general classification if category*). They are produced at _____sites_____ manufacturers. There are solids/liquids/gases with ____melting points, ____ boiling points or decomposition temperature and ____vapor pressure.

Production volume ranges from the 1986-2002 IUR are presented in Table 1.

(http://www.epa.gov/oppt/iur/iur02/index.htm)

Table 1 IUR Production Volume Ranges:

CAS No.	1986 Range	1990 Range	1994 Range	1998 Range	2002 Range	Chemical Name
	10K-500K	>1M-10M	>1M-10M	>1M-10M	>1M-10M	
	>1M-10M	>1M-10M	>1M-10M	>1M-10M	>1M-10M	
	>1M-10M	>1M-10M	>500K-1M	>1M-10M	>500K-1M	
	10K-500K	10K-500K	10K-500K	>500K-1M	>1M-10M	

In general, (*classification or category*) are used in **industrial** setting as
EXAMPLE
[*plasticizers (affording some flame retardancy), defoamers in pulp and paper production and oil field drilling needs. They can be used as antifoam agents in floor polishes, waxes and paper coating. Some are used a lubricant additives and adhesive promoters, and for corrosion protection in coatings. They can be used in closed systems as chemical intermediates (Reference*)]

and in **consumer** products as
EXAMPLE
[various soaps (including shower/hand soaps), oven cleaner, heavy duty floor finish stripper, hair conditioner/gel, microemulsion sheen activator/moisturizer, hot oil treatment, interior latex primer-sealer, paint and varnish removers (Reference,)].

Chemical Y (CAS#) is used as a _____ in industrial and/or consumer applications at concentration of approximately _____%.

Chemical X (CAS#)) is used as a _____ in industrial and/or consumer applications at concentrations of approximately _____%.

2.0 Environmental Exposure and Fate

Table 2 Summary of Environmental Fate Properties

CAS No.	**Chemical Name**	**Photodegradion OH radical rate constant**	**Predicted Environmental Distribution (Level III fugacity model)**			
			Air (%)	Water (%)	Soil (%)	Sed (%)

All values were estimated using EPIWIN

2.1. Sources of Environmental Exposure
EXAMPLE
There is limited opportunity for environmental release during manufacturer because closed systems are employed and the chemicals are stored and transported in closed tanks, tank cars, tank trucks or in small-amount drums.

Environmental release during transport is possible in the event of a spill.
Note any reported spills.

2.2. Transportation between Environmental Compartments
Make a statement regarding fugacity and distribution.

2.3 Biodegradation and Bioaccumulation
(Make a statement regarding these)

2.4 Stability in Water
(Make a statement regarding this)

2.5 Photodegradation
(Make a statement regarding this)

3.0 Human Exposure

3.1. Occupational Exposure

Statement/TLVs/OELs/PPE/References

3.2 Consumer Exposure

Statement/References