

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
a-1800	3.0e-02	8.4e-04	3.8e-03	7.8e-03	2.5e-05	1.2e-04	2.3e-04	NA	1.5e-09	5.4e-09	6.3e-09	3.8e-05	2.4e-06
a-1920	4.0e-02	2.8e-05	1.3e-04	2.6e-04	1.1e-06	5.0e-06	1.0e-05	NA	6.5e-11	2.4e-10	2.8e-10	1.7e-06	1.1e-07
a-2622	3.3e-02	8.4e-05	3.8e-04	7.8e-04	2.8e-06	1.3e-05	2.6e-05	NA	1.6e-10	5.9e-10	6.9e-10	4.2e-06	2.6e-07

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
a-2820	7.5e-01	2.8e-05	1.3e-04	2.6e-04	2.1e-05	9.6e-05	2.0e-04	NA	1.2e-09	4.5e-09	5.3e-09	3.2e-05	2.0e-06
a-3204	3.7e-02	4.7e-05	2.2e-04	4.4e-04	1.8e-06	8.0e-06	1.6e-05	NA	1.0e-10	3.8e-10	4.4e-10	2.7e-06	1.7e-07
a-3206	3.6e-02	7.9e-05	3.6e-04	7.3e-04	2.8e-06	1.3e-05	2.6e-05	NA	1.6e-10	6.0e-10	7.0e-10	4.2e-06	2.7e-07

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
a-3665	3.2e-02	3.5e-04	1.6e-03	3.3e-03	1.1e-05	5.2e-05	1.1e-04	NA	6.8e-10	2.4e-09	2.9e-09	1.7e-05	1.1e-06
a-3850	3.1e-02	2.9e-04	1.3e-03	2.7e-03	9.0e-06	4.1e-05	8.4e-05	NA	5.3e-10	1.9e-09	2.3e-09	1.4e-05	8.5e-07
a-5070	2.7e-02	7.4e-04	3.3e-03	6.8e-03	2.0e-05	9.0e-05	1.8e-04	NA	1.2e-09	4.2e-09	5.0e-09	3.0e-05	1.9e-06

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
a-808	3.6e-02	2.6e-04	1.2e-03	2.4e-03	9.3e-06	4.2e-05	8.7e-05	NA	5.5e-10	2.0e-09	2.3e-09	1.4e-05	8.8e-07
a-808a	3.7e-02	4.4e-04	2.0e-03	4.1e-03	1.6e-05	7.2e-05	1.5e-04	NA	9.4e-10	3.4e-09	4.0e-09	2.4e-05	1.5e-06
b-115	2.1e-01	8.8e-06	4.0e-05	8.1e-05	1.8e-06	8.1e-06	1.7e-05	NA	1.1e-10	3.8e-10	4.5e-10	2.7e-06	1.7e-07

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
b-1202	1.7e-01	7.9e-05	3.6e-04	7.3e-04	1.4e-05	6.2e-05	1.3e-04	NA	8.1e-10	2.9e-09	3.4e-09	2.1e-05	1.3e-06
b-1217	2.1e-01	2.8e-05	1.3e-04	2.6e-04	5.9e-06	2.7e-05	5.5e-05	NA	3.5e-10	1.3e-09	1.5e-09	8.9e-06	5.6e-07
b-1350	5.9e-01	3.5e-06	1.6e-05	3.3e-05	2.1e-06	9.4e-06	1.9e-05	NA	1.2e-10	4.4e-10	5.2e-10	3.1e-06	2.0e-07

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
b-1476	2.0e-01	1.8e-05	7.9e-05	1.6e-04	3.6e-06	1.6e-05	3.3e-05	NA	2.1e-10	7.6e-10	8.9e-10	5.4e-06	3.4e-07
b-1700	6.3e-01	1.1e-05	5.2e-05	1.1e-04	7.2e-06	3.3e-05	6.6e-05	NA	4.2e-10	1.5e-09	1.8e-09	1.1e-05	6.8e-07
b-2004	1.1e-01	8.8e-05	4.0e-04	8.1e-04	9.4e-06	4.3e-05	8.7e-05	NA	5.5e-10	2.0e-09	2.4e-09	1.4e-05	8.9e-07

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
b-2224	5.4e-01	1.1e-04	5.2e-04	1.1e-03	6.1e-05	2.8e-04	5.7e-04	NA	3.6e-09	1.3e-08	1.5e-08	9.3e-05	5.8e-06
b-2301	3.9e-01	2.5e-04	1.1e-03	2.3e-03	9.6e-05	4.3e-04	8.9e-04	NA	5.6e-09	2.0e-08	2.4e-08	1.4e-04	9.0e-06
b-2401	7.8e-01	1.8e-06	7.9e-06	1.6e-05	1.4e-06	6.2e-06	1.3e-05	NA	8.0e-11	2.9e-10	3.4e-10	2.1e-06	1.3e-07

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
b-2401a	8.2e-01	3.5e-06	1.6e-05	3.3e-05	2.9e-06	1.3e-05	2.7e-05	NA	1.7e-10	6.2e-10	7.2e-10	4.3e-06	2.7e-07
b-2403	6.5e-01	5.3e-06	2.4e-05	4.9e-05	3.4e-06	1.5e-05	3.1e-05	NA	2.0e-10	7.2e-10	8.5e-10	5.1e-06	3.2e-07
b-2707	6.5e-01	1.1e-04	5.0e-04	1.0e-03	7.2e-05	3.2e-04	6.6e-04	NA	4.2e-09	1.5e-08	1.8e-08	1.1e-04	6.8e-06



**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
b-2707a	5.5e-01	1.8e-04	8.1e-04	1.6e-03	9.8e-05	4.5e-04	9.1e-04	NA	5.8e-09	2.1e-08	2.5e-08	1.5e-04	9.3e-06
b-3051	1.1e+00	1.4e-05	6.3e-05	1.3e-04	1.5e-05	6.9e-05	1.4e-04	NA	9.0e-10	3.2e-09	3.8e-09	2.3e-05	1.4e-06
b-3235	1.2e+00	2.8e-04	1.2e-03	2.6e-03	3.3e-04	1.5e-03	3.0e-03	NA	1.9e-08	7.0e-08	8.2e-08	4.9e-04	3.1e-05

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
b-3803	1.5e+00	1.1e-05	4.8e-05	9.7e-05	1.6e-05	7.1e-05	1.5e-04	NA	9.3e-10	3.4e-09	3.9e-09	2.4e-05	1.5e-06
b-3803a	1.6e+00	1.1e-05	4.8e-05	9.7e-05	1.7e-05	7.5e-05	1.5e-04	NA	9.8e-10	3.5e-09	4.2e-09	2.5e-05	1.6e-06
b-3806	1.5e+00	5.3e-06	2.4e-05	4.9e-05	7.7e-06	3.5e-05	7.1e-05	NA	4.5e-10	1.6e-09	1.9e-09	1.2e-05	7.3e-07

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
b-3809	1.0e+00	1.8e-05	7.9e-05	1.6e-04	1.8e-05	8.3e-05	1.7e-04	NA	1.1e-09	3.9e-09	4.6e-09	2.8e-05	1.7e-06
b-3815	1.1e+00	1.1e-05	4.8e-05	9.7e-05	1.2e-05	5.4e-05	1.1e-04	NA	7.0e-10	2.5e-09	3.0e-09	1.8e-05	1.1e-06
b-3920	4.1e-01	7.5e-05	3.4e-04	7.0e-04	3.1e-05	1.4e-04	2.8e-04	NA	1.8e-09	6.5e-09	7.6e-09	4.6e-05	2.9e-06

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
b-4101	4.3e-01	3.2e-04	1.5e-03	3.0e-03	1.4e-04	6.3e-04	1.3e-03	NA	8.2e-09	3.0e-08	3.5e-08	2.1e-04	1.3e-05
b-4400	9.8e-01	5.3e-06	2.4e-05	4.9e-05	5.2e-06	2.3e-05	4.8e-05	NA	3.0e-10	1.1e-09	1.3e-09	7.8e-06	4.9e-07
b-4600	2.7e+00	2.5e-05	1.1e-04	2.3e-04	6.7e-05	3.0e-04	6.2e-04	NA	3.9e-09	1.4e-08	1.7e-08	1.0e-04	6.3e-06

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
b-4601	3.9e+00	1.4e-05	6.3e-05	1.3e-04	5.5e-05	2.5e-04	5.0e-04	NA	3.2e-09	1.2e-08	1.4e-08	8.2e-05	5.1e-06
b-4808	1.1e+00	5.3e-06	2.4e-05	4.9e-05	5.9e-06	2.7e-05	5.4e-05	NA	3.5e-10	1.2e-09	1.5e-09	8.8e-06	5.5e-07
b-5006	2.4e-01	5.3e-06	2.4e-05	4.9e-05	1.3e-06	5.8e-06	1.2e-05	NA	7.5e-11	2.7e-10	3.2e-10	1.9e-06	1.2e-07

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
b-5010	2.9e+00	1.1e-05	4.8e-05	9.7e-05	3.0e-05	1.4e-04	2.8e-04	NA	1.8e-09	6.4e-09	7.5e-09	4.5e-05	2.8e-06
b-5010a	3.3e+00	1.1e-05	4.8e-05	9.7e-05	3.4e-05	1.6e-04	3.2e-04	NA	2.0e-09	7.3e-09	8.6e-09	5.2e-05	3.2e-06
b-5213	1.5e-01	1.6e-04	7.3e-04	1.5e-03	2.4e-05	1.1e-04	2.3e-04	NA	1.4e-09	5.2e-09	6.1e-09	3.7e-05	2.3e-06

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
b-5601	1.4e-01	3.5e-04	1.6e-03	3.3e-03	4.7e-05	2.2e-04	4.4e-04	NA	2.8e-09	1.0e-08	1.2e-08	7.2e-05	4.5e-06
b-6201	2.0e-01	2.0e-04	9.1e-04	1.9e-03	4.0e-05	1.8e-04	3.7e-04	NA	2.4e-09	8.6e-09	1.0e-08	6.1e-05	3.8e-06
b-624	3.4e-01	1.2e-04	5.6e-04	1.1e-03	4.2e-05	1.9e-04	3.9e-04	NA	2.5e-09	8.9e-09	1.0e-08	6.3e-05	3.9e-06

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
b-6403	1.8e-01	6.8e-06	3.1e-05	6.3e-05	1.2e-06	5.4e-06	1.1e-05	NA	7.0e-11	2.5e-10	3.0e-10	1.8e-06	1.1e-07
b-6610	1.2e-01	1.8e-05	7.9e-05	1.6e-04	2.1e-06	9.3e-06	1.9e-05	NA	1.2e-10	4.4e-10	5.1e-10	3.1e-06	1.9e-07
b-7101	1.7e-01	1.1e-05	5.2e-05	1.1e-04	1.9e-06	8.8e-06	1.8e-05	NA	1.1e-10	4.1e-10	4.9e-10	2.9e-06	1.8e-07



**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
b-7201	5.4e-02	1.7e-03	7.7e-03	1.6e-02	9.1e-05	4.1e-04	8.4e-04	NA	5.4e-09	1.9e-08	2.3e-08	1.4e-04	8.6e-06
b-7501	7.6e-02	7.0e-04	3.2e-03	6.5e-03	5.3e-05	2.4e-04	4.9e-04	NA	3.1e-09	1.1e-08	1.3e-08	8.0e-05	5.0e-06
b-7701	1.2e-01	1.8e-04	7.9e-04	1.6e-03	2.2e-05	9.9e-05	2.0e-04	NA	1.3e-09	4.6e-09	5.5e-09	3.3e-05	2.1e-06

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
b-8401	7.2e-02	1.4e-04	6.3e-04	1.3e-03	9.9e-06	4.5e-05	9.1e-05	NA	5.8e-10	2.1e-09	2.5e-09	1.5e-05	9.3e-07
oc-u1	5.0e-02	3.4e-04	1.5e-03	3.2e-03	1.7e-05	7.7e-05	1.6e-04	NA	1.0e-09	3.6e-09	4.2e-09	2.6e-05	1.6e-06
oc-u2	4.8e-02	7.3e-04	3.3e-03	6.8e-03	3.5e-05	1.6e-04	3.3e-04	NA	2.1e-09	7.5e-09	8.8e-09	5.3e-05	3.3e-06

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
oc-u2a	4.8e-02	6.2e-04	2.8e-03	5.8e-03	3.0e-05	1.4e-04	2.8e-04	NA	1.8e-09	6.4e-09	7.5e-09	4.5e-05	2.8e-06
oc-u3	4.2e-02	6.2e-04	2.8e-03	5.8e-03	2.6e-05	1.2e-04	2.4e-04	NA	1.6e-09	5.6e-09	6.6e-09	4.0e-05	2.5e-06
<b>Total</b>	3.4e+01	1.1e-02	4.9e-02	1.0e-01	1.7e-03	7.8e-03	1.6e-02	NA	1.0e-07	3.7e-07	4.3e-07	2.6e-03	1.6e-04

**Table C-5. Model Plant ISCST3 Outputs and Risk Calculations for Chronic Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum annual concentration (μg/m <sup>3</sup> ) (max receptor unit rate conc * HAP-specific emission rate)			Maximum annual cancer risks (max annual conc. * dose-response value)			Maximum annual non-cancer hazards (max annual conc. / dose-response value)		
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform
<b>Grand Total</b>	3.4e+01	1.6e-01			2.5e-02			4.7e-07			2.8e-03		

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
a-1800	32.93	8.4e-04	3.8e-03	7.8e-03	2.8e-02	1.3e-01	2.6e-01	4.0e-08	1.1e-07	3.5e-08	9.9e-07	8.2e-07	1.1e-06	1.1e-06	5.2e-04	1.7e-03
a-1920	196.8	2.8e-05	1.3e-04	2.6e-04	5.5e-03	2.5e-02	5.1e-02	7.9e-09	2.1e-08	7.0e-09	2.0e-07	1.6e-07	2.1e-07	2.1e-07	1.0e-04	3.4e-04
a-2622	105.5	8.4e-05	3.8e-04	7.8e-04	8.9e-03	4.0e-02	8.2e-02	1.3e-08	3.4e-08	1.1e-08	3.2e-07	2.6e-07	3.4e-07	3.4e-07	1.7e-04	5.5e-04

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
a-2820	196.8	2.8e-05	1.3e-04	2.6e-04	5.5e-03	2.5e-02	5.1e-02	7.9e-09	2.1e-08	7.0e-09	2.0e-07	1.6e-07	2.1e-07	2.1e-07	1.0e-04	3.4e-04
a-3204	196.8	4.7e-05	2.1e-04	4.4e-04	9.3e-03	4.2e-02	8.6e-02	1.3e-08	3.6e-08	1.2e-08	3.3e-07	2.8e-07	3.6e-07	3.6e-07	1.8e-04	5.8e-04
a-3206	105.5	7.9e-05	3.6e-04	7.3e-04	8.3e-03	3.8e-02	7.7e-02	1.2e-08	3.2e-08	1.1e-08	3.0e-07	2.5e-07	3.2e-07	3.2e-07	1.6e-04	5.1e-04

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
a-3665	54.84	3.5e-04	1.6e-03	3.3e-03	1.9e-02	8.8e-02	1.8e-01	2.8e-08	7.5e-08	2.5e-08	6.9e-07	5.7e-07	7.5e-07	7.5e-07	3.7e-04	1.2e-03
a-3850	54.84	2.9e-04	1.3e-03	2.7e-03	1.6e-02	7.2e-02	1.5e-01	2.3e-08	6.1e-08	2.0e-08	5.7e-07	4.7e-07	6.1e-07	6.1e-07	3.0e-04	9.8e-04
a-5070	32.93	7.4e-04	3.3e-03	6.8e-03	2.4e-02	1.1e-01	2.2e-01	3.5e-08	9.3e-08	3.1e-08	8.7e-07	7.2e-07	9.4e-07	9.4e-07	4.6e-04	1.5e-03

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
a-808	54.84	2.6e-04	1.2e-03	2.4e-03	1.4e-02	6.5e-02	1.3e-01	2.1e-08	5.5e-08	1.8e-08	5.1e-07	4.3e-07	5.6e-07	5.6e-07	2.7e-04	8.9e-04
a-808a	54.84	4.4e-04	2.0e-03	4.1e-03	2.4e-02	1.1e-01	2.2e-01	3.5e-08	9.2e-08	3.0e-08	8.6e-07	7.1e-07	9.3e-07	9.3e-07	4.5e-04	1.5e-03
b-115	196.8	8.8e-06	4.0e-05	8.1e-05	1.7e-03	7.8e-03	1.6e-02	2.5e-09	6.6e-09	2.2e-09	6.2e-08	5.1e-08	6.7e-08	6.7e-08	3.3e-05	1.1e-04



**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
b-1202	105.5	7.9e-05	3.6e-04	7.3e-04	8.3e-03	3.8e-02	7.7e-02	1.2e-08	3.2e-08	1.1e-08	3.0e-07	2.5e-07	3.2e-07	3.2e-07	1.6e-04	5.1e-04
b-1217	196.8	2.8e-05	1.3e-04	2.6e-04	5.5e-03	2.5e-02	5.1e-02	7.9e-09	2.1e-08	7.0e-09	2.0e-07	1.6e-07	2.1e-07	2.1e-07	1.0e-04	3.4e-04
b-1350	196.8	3.5e-06	1.6e-05	3.3e-05	6.9e-04	3.1e-03	6.4e-03	9.9e-10	2.7e-09	8.7e-10	2.5e-08	2.0e-08	2.7e-08	2.7e-08	1.3e-05	4.3e-05

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
b-1476	196.8	1.8e-05	7.9e-05	1.6e-04	3.5e-03	1.6e-02	3.2e-02	5.0e-09	1.3e-08	4.4e-09	1.2e-07	1.0e-07	1.3e-07	1.3e-07	6.5e-05	2.1e-04
b-1700	196.8	1.1e-05	5.2e-05	1.1e-04	2.2e-03	1.0e-02	2.1e-02	3.2e-09	8.6e-09	2.8e-09	8.0e-08	6.6e-08	8.7e-08	8.7e-08	4.2e-05	1.4e-04
b-2004	105.5	8.8e-05	4.0e-04	8.1e-04	9.2e-03	4.2e-02	8.6e-02	1.3e-08	3.6e-08	1.2e-08	3.3e-07	2.7e-07	3.6e-07	3.6e-07	1.7e-04	5.7e-04

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
b-2224	105.5	1.1e-04	5.2e-04	1.1e-03	1.2e-02	5.4e-02	1.1e-01	1.7e-08	4.6e-08	1.5e-08	4.3e-07	3.6e-07	4.6e-07	4.6e-07	2.3e-04	7.4e-04
b-2301	54.84	2.4e-04	1.1e-03	2.3e-03	1.3e-02	6.1e-02	1.2e-01	1.9e-08	5.2e-08	1.7e-08	4.8e-07	4.0e-07	5.2e-07	5.2e-07	2.5e-04	8.3e-04
b-2401	196.8	1.8e-06	7.9e-06	1.6e-05	3.5e-04	1.6e-03	3.2e-03	5.0e-10	1.3e-09	4.4e-10	1.2e-08	1.0e-08	1.3e-08	1.3e-08	6.5e-06	2.1e-05

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
b-2401a	196.8	3.5e-06	1.6e-05	3.3e-05	6.9e-04	3.1e-03	6.4e-03	9.9e-10	2.7e-09	8.7e-10	2.5e-08	2.0e-08	2.7e-08	2.7e-08	1.3e-05	4.3e-05
b-2403	196.8	5.3e-06	2.4e-05	4.9e-05	1.0e-03	4.7e-03	9.6e-03	1.5e-09	4.0e-09	1.3e-09	3.7e-08	3.1e-08	4.0e-08	4.0e-08	2.0e-05	6.4e-05
b-2707	105.5	1.1e-04	5.0e-04	1.0e-03	1.2e-02	5.2e-02	1.1e-01	1.7e-08	4.5e-08	1.5e-08	4.1e-07	3.4e-07	4.5e-07	4.5e-07	2.2e-04	7.2e-04

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
b-2707a	54.84	1.8e-04	8.1e-04	1.6e-03	9.8e-03	4.4e-02	9.0e-02	1.4e-08	3.8e-08	1.2e-08	3.5e-07	2.9e-07	3.8e-07	3.8e-07	1.8e-04	6.0e-04
b-3051	196.8	1.4e-05	6.3e-05	1.3e-04	2.8e-03	1.2e-02	2.6e-02	4.0e-09	1.1e-08	3.5e-09	9.9e-08	8.2e-08	1.1e-07	1.1e-07	5.2e-05	1.7e-04
b-3235	54.84	2.8e-04	1.2e-03	2.6e-03	1.5e-02	6.8e-02	1.4e-01	2.2e-08	5.8e-08	1.9e-08	5.4e-07	4.5e-07	5.8e-07	5.8e-07	2.9e-04	9.3e-04

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
b-3803	196.8	1.1e-05	4.8e-05	9.7e-05	2.1e-03	9.4e-03	1.9e-02	3.0e-09	8.0e-09	2.6e-09	7.4e-08	6.1e-08	8.0e-08	8.0e-08	3.9e-05	1.3e-04
b-3803a	196.8	1.1e-05	4.8e-05	9.7e-05	2.1e-03	9.4e-03	1.9e-02	3.0e-09	8.0e-09	2.6e-09	7.4e-08	6.1e-08	8.0e-08	8.0e-08	3.9e-05	1.3e-04
b-3806	196.8	5.3e-06	2.4e-05	4.9e-05	1.0e-03	4.7e-03	9.6e-03	1.5e-09	4.0e-09	1.3e-09	3.7e-08	3.1e-08	4.0e-08	4.0e-08	2.0e-05	6.4e-05

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
b-3809	196.8	1.8e-05	7.9e-05	1.6e-04	3.5e-03	1.6e-02	3.2e-02	5.0e-09	1.3e-08	4.4e-09	1.2e-07	1.0e-07	1.3e-07	1.3e-07	6.5e-05	2.1e-04
b-3815	196.8	1.1e-05	4.8e-05	9.7e-05	2.1e-03	9.4e-03	1.9e-02	3.0e-09	8.0e-09	2.6e-09	7.4e-08	6.1e-08	8.0e-08	8.0e-08	3.9e-05	1.3e-04
b-3920	105.5	7.5e-05	3.4e-04	7.0e-04	7.9e-03	3.6e-02	7.4e-02	1.1e-08	3.1e-08	1.0e-08	2.8e-07	2.4e-07	3.1e-07	3.1e-07	1.5e-04	4.9e-04

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
b-4101	54.84	3.2e-04	1.5e-03	3.0e-03	1.8e-02	8.0e-02	1.6e-01	2.6e-08	6.8e-08	2.3e-08	6.4e-07	5.3e-07	6.9e-07	6.9e-07	3.4e-04	1.1e-03
b-4400	196.8	5.3e-06	2.4e-05	4.9e-05	1.0e-03	4.7e-03	9.6e-03	1.5e-09	4.0e-09	1.3e-09	3.7e-08	3.1e-08	4.0e-08	4.0e-08	2.0e-05	6.4e-05
b-4600	196.8	2.4e-05	1.1e-04	2.3e-04	4.8e-03	2.2e-02	4.5e-02	6.9e-09	1.9e-08	6.1e-09	1.7e-07	1.4e-07	1.9e-07	1.9e-07	9.1e-05	3.0e-04



**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
b-4601	196.8	1.4e-05	6.3e-05	1.3e-04	2.8e-03	1.2e-02	2.6e-02	4.0e-09	1.1e-08	3.5e-09	9.9e-08	8.2e-08	1.1e-07	1.1e-07	5.2e-05	1.7e-04
b-4808	196.8	5.3e-06	2.4e-05	4.9e-05	1.0e-03	4.7e-03	9.6e-03	1.5e-09	4.0e-09	1.3e-09	3.7e-08	3.1e-08	4.0e-08	4.0e-08	2.0e-05	6.4e-05
b-5006	196.8	5.3e-06	2.4e-05	4.9e-05	1.0e-03	4.7e-03	9.6e-03	1.5e-09	4.0e-09	1.3e-09	3.7e-08	3.1e-08	4.0e-08	4.0e-08	2.0e-05	6.4e-05

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
b-5010	196.8	1.1e-05	4.8e-05	9.7e-05	2.1e-03	9.4e-03	1.9e-02	3.0e-09	8.0e-09	2.6e-09	7.4e-08	6.1e-08	8.0e-08	8.0e-08	3.9e-05	1.3e-04
b-5010a	196.8	1.1e-05	4.8e-05	9.7e-05	2.1e-03	9.4e-03	1.9e-02	3.0e-09	8.0e-09	2.6e-09	7.4e-08	6.1e-08	8.0e-08	8.0e-08	3.9e-05	1.3e-04
b-5213	105.5	1.6e-04	7.3e-04	1.5e-03	1.7e-02	7.7e-02	1.6e-01	2.4e-08	6.5e-08	2.1e-08	6.0e-07	5.0e-07	6.5e-07	6.5e-07	3.2e-04	1.0e-03

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
b-5601	54.84	3.5e-04	1.6e-03	3.3e-03	1.9e-02	8.7e-02	1.8e-01	2.8e-08	7.4e-08	2.4e-08	6.9e-07	5.7e-07	7.4e-07	7.4e-07	3.6e-04	1.2e-03
b-6201	54.84	2.0e-04	9.1e-04	1.9e-03	1.1e-02	5.0e-02	1.0e-01	1.6e-08	4.2e-08	1.4e-08	3.9e-07	3.3e-07	4.3e-07	4.3e-07	2.1e-04	6.8e-04
b-624	105.5	1.2e-04	5.6e-04	1.1e-03	1.3e-02	5.9e-02	1.2e-01	1.9e-08	5.0e-08	1.6e-08	4.6e-07	3.8e-07	5.0e-07	5.0e-07	2.4e-04	8.0e-04

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
b-6403	196.8	6.7e-06	3.0e-05	6.2e-05	1.3e-03	6.0e-03	1.2e-02	1.9e-09	5.1e-09	1.7e-09	4.7e-08	3.9e-08	5.1e-08	5.1e-08	2.5e-05	8.2e-05
b-6610	196.8	1.8e-05	7.9e-05	1.6e-04	3.5e-03	1.6e-02	3.2e-02	5.0e-09	1.3e-08	4.4e-09	1.2e-07	1.0e-07	1.3e-07	1.3e-07	6.5e-05	2.1e-04
b-7101	196.8	1.1e-05	5.2e-05	1.1e-04	2.2e-03	1.0e-02	2.1e-02	3.2e-09	8.6e-09	2.8e-09	8.0e-08	6.6e-08	8.7e-08	8.7e-08	4.2e-05	1.4e-04

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
b-7201	19.24	1.7e-03	7.7e-03	1.6e-02	3.3e-02	1.5e-01	3.0e-01	4.7e-08	1.3e-07	4.1e-08	1.2e-06	9.6e-07	1.3e-06	1.3e-06	6.2e-04	2.0e-03
b-7501	32.93	7.0e-04	3.2e-03	6.5e-03	2.3e-02	1.0e-01	2.1e-01	3.3e-08	8.9e-08	2.9e-08	8.2e-07	6.8e-07	8.9e-07	8.9e-07	4.4e-04	1.4e-03
b-7701	54.84	1.8e-04	7.9e-04	1.6e-03	9.6e-03	4.4e-02	8.9e-02	1.4e-08	3.7e-08	1.2e-08	3.4e-07	2.9e-07	3.7e-07	3.7e-07	1.8e-04	5.9e-04

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
b-8401	105.5	1.4e-04	6.3e-04	1.3e-03	1.5e-02	6.6e-02	1.3e-01	2.1e-08	5.6e-08	1.8e-08	5.2e-07	4.3e-07	5.6e-07	5.6e-07	2.7e-04	9.0e-04
oc-u1	54.84	3.4e-04	1.5e-03	3.2e-03	1.9e-02	8.5e-02	1.7e-01	2.7e-08	7.2e-08	2.4e-08	6.7e-07	5.5e-07	7.2e-07	7.2e-07	3.5e-04	1.2e-03
oc-u2	32.93	7.3e-04	3.3e-03	6.8e-03	2.4e-02	1.1e-01	2.2e-01	3.5e-08	9.3e-08	3.1e-08	8.6e-07	7.2e-07	9.3e-07	9.3e-07	4.6e-04	1.5e-03

**Table C-6. Model Plant SCREEN3 Outputs and Risk Calculations for Acute Exposure Assessment**

IPCT ID	Max receptor unit rate conc (ug/m <sup>3</sup> )	HAP-specific emission rate (g/s)			Maximum 1-hour concentration (μg/m <sup>3</sup> ) (Max receptor unit rate conc * HAP-specific emission rate)			Methanol maximum acute hazards (max 1-hour conc. / dose-response value)				Chloroform maximum acute hazards (max 1-hour conc. / dose-response value)				
		Methanol	Ethylene thiourea	Chloroform	Methanol	Ethylene thiourea	Chloroform	AEGL-1	ERPG1	IDHL/10	REL	AEGL - 2	ERPG2	IDHL/10	MRL	REL
oc-u2a	32.93	6.2e-04	2.8e-03	5.8e-03	2.1e-02	9.3e-02	1.9e-01	3.0e-08	7.9e-08	2.6e-08	7.3e-07	6.1e-07	7.9e-07	7.9e-07	3.9e-04	1.3e-03
oc-u3	32.93	6.2e-04	2.8e-03	5.8e-03	2.0e-02	9.3e-02	1.9e-01	2.9e-08	7.9e-08	2.6e-08	7.3e-07	6.1e-07	7.9e-07	7.9e-07	3.9e-04	1.3e-03
<b>Total</b>	7243.5	1.1e-02	4.9e-02	1.0e-01	5.4e-01	2.5e+00	5.0e+00	7.8e-07	2.1e-06	6.9e-07	1.9e-05	1.6e-05	2.1e-05	2.1e-05	1.0e-02	3.4e-02

**Appendix D**

**Map of IPCTs at Dow**

**Appendix E**

**Modeling Input and Output Files  
(CD media)**