

## IRIS Agenda Chemicals

April 25, 2013

| Scheduled or Pending Chemicals |                      |      |
|--------------------------------|----------------------|------|
|                                |                      | Step |
| 1                              | Ethylene oxide       | 6    |
| 2                              | Biphenyl             | 5    |
| 3                              | 1,4-Dioxane          | 5    |
| 4                              | Libby amphibole *    | 5    |
| 5                              | Methanol (noncancer) | 5    |
| 6                              | PAH mixtures *       | 5    |
| 7                              | Formaldehyde         | 5    |
| 8                              | Ammonia              | 4    |
| 9                              | TMBs                 | 4    |
| 10                             | Benzo[a]pyrene       | 3    |
| 11                             | PCBs (noncancer) *   | 3    |
| 12                             | Acrylonitrile *      | 3    |
| 13                             | t-Butanol            | 1    |
| 14                             | ETBE                 | 1    |
| 15                             | RDX                  | 1    |
| 16                             | Arsenic              | 1    |
| 17                             | Chromium VI *        | 1    |

\* Schedule for this chemical is pending

| Unscheduled High Interest Chemicals |  |      |
|-------------------------------------|--|------|
|                                     | Metals                                       | Step |
| 1                                   | Antimony                                     | SC   |
| 2                                   | Cadmium and compounds                        | SC+  |
| 3                                   | Cobalt                                       | SC+  |
| 4                                   | Copper                                       | SC+  |
| 5                                   | Manganese                                    | SC   |
| 6                                   | Mercury                                      | SC   |
| 7                                   | Methylmercury                                | SC   |
| 8                                   | Nickel (soluble salts)                       | SC+  |
| 9                                   | Tungsten and related compounds               | SC   |
| 10                                  | Uranium (natural)                            | SC+  |
| 11                                  | Vanadium and compounds                       | SC   |
|                                     | Non-Metals                                   |      |
| 12                                  | Acetaldehyde                                 | SC+  |
| 13                                  | 1,2 Dichloroethane                           | SC+  |
| 14                                  | Diethyl phthalate (DEP)                      | 1    |
| 15                                  | Ethylbenzene                                 | 1    |
| 16                                  | Hexachlorobutadiene (HCBd)                   | SC+  |
| 17                                  | Naphthalene                                  | 1    |
| 18                                  | 2,3,7,8-Tetrachlorodibenzo-p dioxin (cancer) | 4    |

| Unscheduled Moderate Interest Chemicals |                               |      |
|---|-------------------------------|------|
|   |                               | Step |
| 1                                       | Chlorobenzene (CB)            | SC   |
| 2                                       | 1,4-Dichlorobenzene (1,4-DCB) | SC+  |
| 3                                       | Di-n-butyl phthalate (DBP)    | 2    |
| 4                                       | Isopropanol                   | SC   |
| 5                                       | Vanadium pentoxide            | 5    |

| Unscheduled Low Interest Chemicals |                                   |      |
|------------------------------------|-----------------------------------|------|
|                                    |                                   | Step |
| 1                                  | Beryllium                         | SC+  |
| 2                                  | Butyl benzyl phthalate (BBP)      | 2    |
| 3                                  | Carbonyl sulfide                  | SC   |
| 4                                  | Chloroethane                      | SC+  |
| 5                                  | Chloroform                        | SC+  |
| 6                                  | Decamethylcyclopentasiloxane (D5) | SC   |
| 7                                  | 1,2-Dichlorobenzene               | SC+  |
| 8                                  | 1,3-Dichlorobenzene (1,3-DCB)     | SC+  |
| 9                                  | Di(2-ethylhexyl) adipate (DEHA)   | SC+  |
| 10                                 | Di(2-ethylhexyl) phthalate (DEHP) | 2    |
| 11                                 | Diisobutyl phthalate (DIBP)       | 2    |
| 12                                 | Diisononyl phthalate (DINP)       | 2    |
| 13                                 | Diisopropyl ether (DIPE)          | SC   |
| 14                                 | Dipentyl phthalate (DPP)          | SC   |
| 15                                 | Hexabromocyclododecane (HBCD)     | SC+  |
| 16                                 | Methanol (cancer)                 | 1    |
| 17                                 | Methyl tert-butyl ether (MTBE)    | SC+  |
| 18                                 | n-butanol                         | 4    |
| 19                                 | Octamethylcyclopentasiloxane (D4) | SC   |
| 20                                 | Phthalates, cumulative (n=6)      | 1    |
| 21                                 | Styrene                           | 1    |
| 22                                 | Tertiary-amyl methyl ether (TAME) | SC   |
| 23                                 | Tert-Amyl ethyl ether (TAEE)      | SC   |
| 24                                 | Vinyl acetate                     | SC   |

IRIS used the following considerations to bin these chemicals:

- The number of programs/regions that expressed a need
- Program/region priority (high, moderate, low)
- The date when an assessment is needed
- Listing in NHANES, HAPs, CCL3, and/or the TRI
- Number of Superfund sites

The following pages provide detailed information for each chemical

### Abbreviations:

- SC** This chemical is at the scoping stage.
- SC+** Considerable progress has been made on this chemical's assessment, but it has been returned to the scoping stage.