

PART I. ANALYTICAL DATA BASE

1. The information base of the Technical Secretariat will be broad in scope as all data and information from declarations, inspected sites, inspection protocols and all other relevant data requiring easy processing, will be included in it. The data base of the analytical functions will form part of it.

2. In order to distinguish the difference between the nature of the data and information which is required in the analytical work, the discussion is divided into two sections: Compound Identification Data Base, and Knowledge Base (Procedures Manual).

1. Compound Identification Data Base

3. The Compound Identification Data Base should be structured to allow easy search and combination of data in a variety of ways. It will contain data needed for the identification of treaty-related chemicals with different types of analytical instrumentation.

4. The Group agreed that the data base should, in principle, include and be restricted to data on all scheduled chemicals and those other chemicals which are covered by the Convention. Of Schedule 1 chemicals, also their precursors and by-products as well as the typical stable degradation products, impurities, artefacts formed during sample preparation, analytical derivatives, and decontamination products should be included. Data on stable by-products and degradation products of Schedule 2B and Schedule 3 (dual-purpose) chemicals should also be included. In practice such a complete data base will not be within reach in the near future. Therefore certain priorities have to be established. One possible procedure is described in the following paragraphs.

5. The most immediate inclusion should be the existing data on scheduled chemicals and their related chemicals. This data is available from several sources including research laboratories and commercially available data bases. On some of the chemicals there will probably be an abundance of different data while on some there may also be conflicting data. In order to assist the Technical Secretariat to decide the appropriate entries to the CWC data base, preliminary work should commence before the entry into force of the Convention.

6. In order to chart the present availability of relevant data, it was proposed that the laboratories compile a list of chemicals on which they possess the necessary information (hard copy or digital form), and of those chemicals on which in their view data should be available by 31 December 1991. It was also proposed to include the electron ionization mass spectra together with mass/intensity tables of the Schedule 1 chemicals that are mentioned by name in the present Rolling Text. The Netherlands has already presented a list of chemicals for which it has spectral and chromatographic data in digital form (CD/CW/WP.328).