28.45 - Isotopes other than those of heading 28.44; compounds, inorganic or organic, of such isotopes, whether or not chemically defined.

2845.10 - Heavy water (deuterium oxide)

2845.90 - Other

For the definition of the term " isotopes ", see Part (I) of Explanatory Note to heading 28.44.

This heading covers stable isotopes, that is, non-radioactive isotopes and their inorganic or organic compounds, whether or not chemically defined.

The heading includes the following isotopes and their compounds :

(1) **Heavy hydrogen or deuterium**. This is separated from normal hydrogen in which it occurs at a level of 1 part in 6,500.

(2) **Heavy water**, which is deuterium oxide. Occurring in ordinary water at a level of 1 part in 6,500. It is normally obtained as a residue of the electrolysis of water. Used as a source of deuterium, and in nuclear reactors for slowing down the neutrons which split the uranium atoms.

(3) **Other compounds made with deuterium**, e.g., heavy acetylene, heavy methane, heavy acetic acids and heavy paraffin wax.

(4) **The isotopes of lithium** known as lithium 6 or 7, and their compounds.

(5) **The isotope of carbon** known as carbon 13, and its compounds.