

Guideline**2/24****CLAP****FORM N°211****Version : 2****Directive 97/23/EC****Keywords :** Classification

Group of fluids

Fluid

Compartment

Risk analysis

Directive references: Article 1 § 2.7 - 97/23 EC

Article 9 § 3 - 97/23 EC

Adopted by WPG: 30/10/2002**Adopted by CLAP:** 30/10/2002**Subject:** Classification – Chambers with several fluids**Question:**

Article 9 § 3 states that where a chamber contains several fluids, classification shall be on the basis of the fluid which requires the highest category. Can some guidance be provided on how to proceed with the fluid mixture classification?

Answer:

When a mixture of fluids contains at least one fluid classified to group 1, the mixture shall be classified to group 1 unless the safety data sheet of the mixture allows its classification to group 2.

A "safety data sheet" is a document established according to Directive 91/155/EC, in application of Directives 67/548/EEC and 99/45/EC (*). It gives all necessary safety information, in particular classification of the hazard properties referred to in Article 9 paragraph 2.1 of PED.

Note: When an equipment is manufactured for a specific application defined by the user, it is normally the user who specifies the fluid to be contained or transported in the pressure equipment. Hence, the user should tell the pressure equipment manufacturer the fluid classification or give necessary details so that the pressure equipment manufacturer can classify the fluid.

(*) Directive 67/548/EC: Dangerous substances directive
Directive 99/45/EC: Dangerous preparation directive
Directive 91/155/EC: Safety data sheet directive

Modifications compared to the previous adopted version: Editorial correction on 2004-09-16.