Professor Jean-Bernard FOURTILLAN Page 1

Chemical Engineer, Honorary Professor of Therapeutic Chemistry and Pharmacokinetics Expert Pharmacologist-Toxicologist specialized in Pharmacokinetics with AFSSAPS (now ANSM)

Formaldehyde (methanal) is used in the manufacture and conservation of vaccines, due to its antimicrobial properties (antibacterial and fungicides).

Formaldehyde (methanal) is an extremely toxic chemical, classified in categories GHS06 and GHS08 of the GHS classification (reference 1) of the most toxic products, mutagens, carcinogens, deadly poisons for humans, such as Trichlorethylene and Barium Chloride.

Regulatory toxicological studies of Formaldehyde have been made and published (Afsset Report, page 38, reference 2)

Acute toxicity values, such as LD50, Lethal Doses which kill 50% of animals, orally and subcutaneously, classify the product in Category 3 of toxic products for humans, with the "Skull and bones crossed" logo (GHS06) aggravated by the mention toxic T and the "Sensitizing, mutagenic, carcinogenic" logo (GHS08).

Directive 67/548/EEC

GHS08 - Sensitizing, mutagenic, carcinogenic **GHS06** - Skull and bones crossed







Toxique (T)

LD₅₀ in mice (Afsset report, page 38, reference $\underline{2}$):

- **42 mg per kg orally** (AFSSAPS 2005, IPCS 2002)
- 300 mg per kg subcutaneously (AFSSAPS 2005)

According to **Directive 67/548/EEC**: "Formaldehyde is classified in the "Substances causing serious acute or chronic disorders or even death after inhalation, ingestion, absorption or penetration by dermal route".

COMMISSION IMPLEMENTING REGULATION (EU) 2018/183 from February 7, 2018, of February 7, 2018 (reference 3), prohibited the use of Formaldehyde as a preservative for animal feed. It is obvious that this ban extends a fortiori to the use of Formaldehyde as a preservative in vaccines, which are administered to humans parenterally (intramuscularly).

Consequently: The administration of Formaldehyde to humans, especially in vaccines, is strictly prohibited, at any dose and by any route.

The consequences of non-compliance with this prohibition by Health Agencies

The non-observance of this ban, by the Health Authorities of the different countries, endangered the health of tens or even hundreds of millions of vaccinated people, by exposing them to serious fatal or disabling pathologies (cancers, autism, ADHD, Fibromyalgia, MS, ALS, Parkinson's, and many other neurological diseases), that are totally different from the diseases against which vaccines are supposed to protect us.

Bibliographic references

- 1- Globally Harmonized System of Classification and Labelling of Chemicals (GHS), United Nations, eighth revised edition in 2019 (570 pages), Part 3: Health hazards, p. 123 to 236
- 2- Afsset Report « Toxicité du Formaldéhyde » Saisine n° 2004/016
- 3- Journal officiel de l'Union européenne, L 34/6, 8.2.2018

The presence of Formaldehyde in vaccines is strictly prohibited

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Professor Jean-Bernard FOURTILLAN

Chemical Engineer, Honorary Professor of Therapeutic Chemistry and Pharmacokinetics Expert Pharmacologist-Toxicologist specialized in Pharmacokinetics with AFSSAPS (now ANSM)

Certificate of toxicological expertise for vaccines containing Formaldehyde

During the toxicological studies of **Acute Toxicity of Formaldehyde in mice, the values of LD50**, Lethal Doses which kill 50% of the animals, by oral and Subcutaneous routes are the following:

- 42 mg per kg orally (Afsset Report, page 38, reference 1)
- 300 mg per kg subcutaneously (Afsset Report, page 38, reference 1)

These values classify Formaldehyde in Category 3 of toxic products for humans, with the "Skull and crossbones" logo (GHS06) aggravated by the toxic mention T and the logo "Sensitizing, mutagenic, carcinogenic" (GHS08).

Directive 67/548/EEC

GHS06 - Skull and crossbones **GHS08** - Sensitizing, mutagenic, carcinogenic



Toxique (T)



As a consequence of these toxicological characteristics, the administration of vaccines containing Formaldehyde is strictly prohibited, regardless of the concentration of Formaldehyde. This in accordance with the toxicological safety rules laid down by directive 67/548/EEC and the GHS classification (reference 2).

This expert certificate allows anyone who carries it, for themselves or their children, to refuse the administration of all formaldehyde-containing vaccines because they are deadly.

Done at Poitiers, May 15, 2020

Professor Jean-Bernard Fourtillan
Expert Pharmacologist-Toxicologist specialized in Pharmacokinetics

Bibliographic references

- 1- Afsset RAPPORT « Toxicité du Formaldéhyde » Saisine n° 2004/016
- 2- Globally Harmonized System of Classification and Labelling of Chemicals (GHS), United Nations, eighth revised edition in 2019 (570 pages), Part 3: Health hazards, p. 123 to 236

The presence of Formaldehyde in vaccines is strictly prohibited