



Information leaflet

F-SOLV10

Histological FIXATIVE - 100% FORMALDEHYDE FREE – READY TO USE

1. SAFETY:

- F-solv10** contains less hazardous products and the obtained result is equal to better than a fixation with formaldehyde. (**F-solv10** replaces the formaldehyde 4%)
- F-solv10** does not irritate eyes, throat and nose.

2. **F-solv10** is extremely suitable for PCR by means of cross-linking, it is selective for the proteins, and will not affect the structure of DNA or RNA.

3. **F-solv10** the fixation is firmly, but still pliable enough to be cut.

4. **F-solv10** contains products that inhibit the growth of viruses, fungi and bacteria causing the tissue longer sustainable.

5. **F-solv10** is pH neutral and buffered.

6. **F-solv10** fixes all the tissues, so that their structure is more than 1 year maintained.

7. In the tissue processor formaldehyde can be simply replaced by **F-solv10**.

Why not use F-solv10 instead of Formaldehyde ?:

| | F-solv10 | Formaldehyde |
|----------------------------|--|--|
| Toxicity | Low (Active component 5,7 times lower than formaldehyde) | Toxic (classified by the IARC (International Agency for Research on Cancer) in group 1, carcinogenic to humans (IARC, 2006) |
| Carcinogenicity | Low (Active component 5,7 times lower than formaldehyde) | Carcinogenic & mutagenic (classified by the IARC (International Agency for Research on Cancer) in group 1, carcinogenic to humans (IARC, 2006) |
| Tissue shelf life | > 1 year | < 1 month |
| Working Environment | Pleasant | Humane risk |

Think of your health and that of your employees !!

F-solv10® (patent pending)

