

Institute of Organic and Biomolecular Chemistry

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Instructions to Employees about Occupational Restrictions and Possible Hazards during Pregnancy (University Teachers, Students and Staff)

Ladies and gentlemen!

It is advised herewith that certain hazardous substances contain genotype transforming (mutagen), cancer causing (cancerogen) and/or foetus and reproductive damaging (teratogen) characteristics that can be absorbed into the body through the skin.

These substances especially are registered in the TRGS 900 or TRGS 905. It is advised in §4a of the Ordinance of Hazardous Chemicals (GefStoffV) that notification of hazardous substances should be given in the Federal Announcement. The substances listed therein are provided with the following indications:

Especially Dangerous Substances:

R40 = irreversible damage possible

R45 = can cause cancer

R46 = can cause genetic damage

R49 = can cause cancer when breathed

R60 = can affect the reproductive system

R61 = can cause damage to child in the womb

R62 = can possibly affect the reproductive system

R63 = can possibly cause damage to child in the womb

R64 = can cause damage to breast fed child

Safety Advice:

S53 = Avoid exposure - before use obtain special instructions

Notice:

H = can easily be absorbed through the skin (R21; R24; R27)

The same applies for newly developed substances if the results of parallel running experiments or conclusions thereof are expected to be hazardous.

The following task restrictions have been laid down in §5 of the Regulations for the Protection of Pregnant Women at their Place of Work:

Pregnant Women may not at any time be assigned with tasks that have anything to do with genotype transforming, foetus damaging, illness- and cancer-transmitting substances (it is forbidden for them to linger in rooms where work with these substances is being carried out). It is allowed to assign pregnant women with tasks with very toxic, toxic, health damaging or for humans otherwise chronically damaging dangerous substances **only if** the level of toxicity remains under the limited values.

All women that may get pregnant are only allowed to work with substances containing lead or quicksilver alkyl as long as their toxicity is below the critical value.

The above mentioned persons are only allowed to work with easily resorbable substances if direct contact to the skin is prevented by wearing adequate hand guard (compatibility of the material has to be proven).

These substances with the respective characteristics are mentioned on a list which is available at Mr. Hambloch's or Mr. Kost's office.

The lists include the "officially" classified substances. Please additionally take notice of the caution marks and safety data sheets of the manufacturers.

Dear Mesdames, for the security of mother and child please inform your employer about your pregnancy as soon as possible. In case of pregnancy your tasks have to be adapted for the security of both mother and child.

With best regards

signed by the safety officer