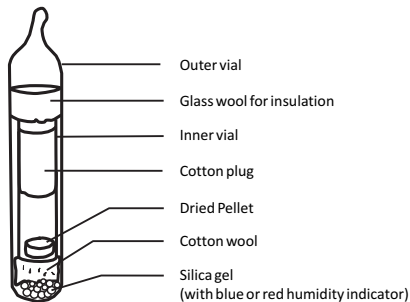


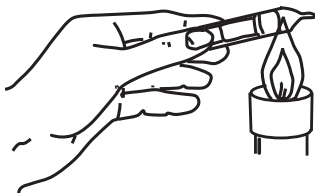
## Opening of Ampoules and Rehydration of Dried Cultures

Hints how to cultivate the received strains (medium, gas atmosphere, temperature) are given in our catalogue (<http://www.dsmz.de/catalogues/catalogue-microorganisms.html>). At this site you will also find FAQ, cultivation hints and video tutorials about handling of ampoules and cultures under aerobic or anaerobic conditions.

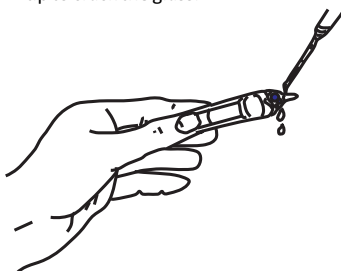
1. Remove the glass ampoule from the secondary packaging.  
Double vial preparation, sealed under vacuum:



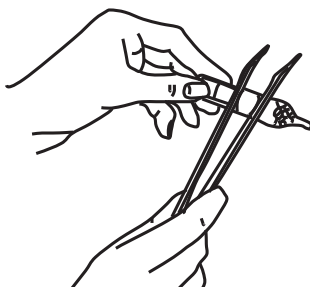
2. Wear protective glasses when opening ampoules!  
Heat the tip of the ampoule in a flame.



3. Place two or three drops of water onto the hot tip to crack the glass.

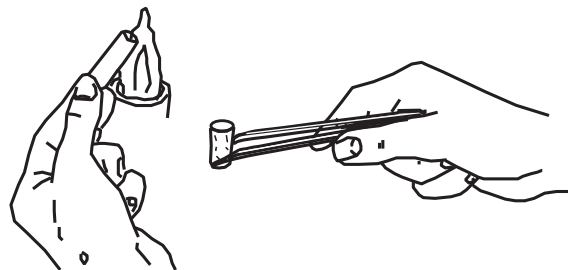


4. Carefully strike off the glass tip with an appropriate tool (e.g. forceps).



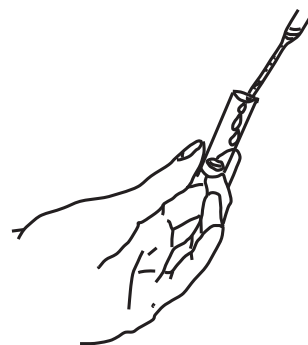
5. Remove the insulation material with forceps and take out the inner vial.

6. Lift the cotton plug using a forceps, remove it, keep it under sterile conditions and flame the top of the inner vial.



7. Add 0.5 ml of medium specified for the strain in the individual strain entry (see above). Replace the plug and allow the pellet to rehydrate for up to 30 minutes.

Subsequent handling of **anaerobic** strains is described in our catalogue at > Culture Technology in a pdf-file and a video tutorial as well as in the specific strain entries. For all other strains proceed as follows.



8. Mix the content gently with an inoculation loop or with a Pasteur pipette. Transfer about half of the whole amount to a test tube with 5 ml of the recommended liquid medium, streak the other half onto a respective agar plate.

9. Incubate liquid and agar cultures under conditions specified for the strain.

10. Before discarding sterilize all the remains of the original ampoule.