

# EXPOSURE SCENARIOS (ES)



## SAFE HANDLING OF CHEMICALS



### OBLIGATIONS FOR THOSE WHO USE CHEMICALS

1

Access to  
safety data  
sheets

2

Exposure scenarios must  
correspond with your use  
of the chemicals

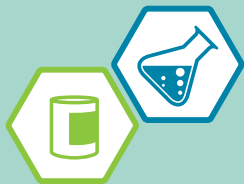
3

Information about  
the chemicals must  
be saved for 10 years

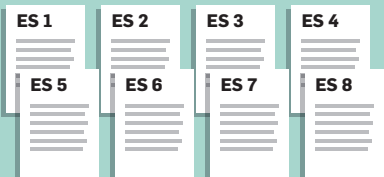
1

## CHECK IF YOUR USE OF THE CHEMICAL IS SAFE

One chemical  
can have many uses...



... and  
many exposure  
scenarios



Choose the ES that  
corresponds to your  
usage

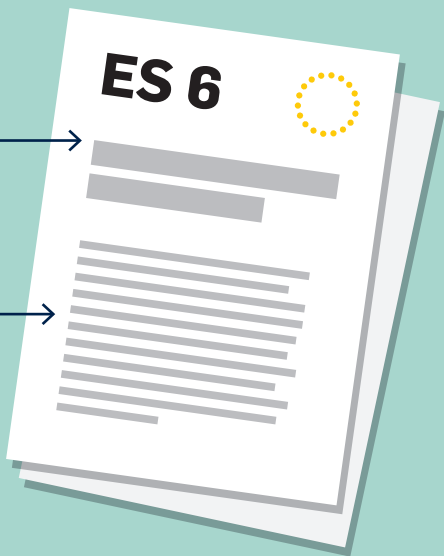
ES 6



2

Is your application  
sector entered in the  
heading?

Are product category  
and process category  
correct?



3

## Check that your use of chemical and preventive measures correspond with what is described in the selected ES.



What  
concentration  
of the  
substance  
is used?



For how  
long are you  
exposed to it?



What  
ventilation  
is used?



What methods  
are used?  
(ex. enclosed  
system, spray,  
heating)



What items of  
personal protective  
equipment are  
used?

4

## YOUR EXPOSURE LEVELS MUST BE LOWER THAN/EQUAL TO WHAT IS DESCRIBED IN THE ES

If your use of the chemical is not described, you **must** notify the supplier within **12** months.

If the supplier's annual tonnage of a classified substance is 10 tonnes or more, it **must** be accompanied by an ES with a safety data sheet.



WORKPLACE  
INSTRUCTION



CHEMICAL PART  
OF RISK ASSESSMENT

The exposure scenario describes under which  
circumstances work may proceed safely.

The workplace instruction is supplemented by relevant  
information at the workplace. The person who is to  
perform the work is given a description of how the  
product is dangerous, the illnesses it can cause  
and the procedures that must be followed.

In addition to identification and evaluation (as in ES), the risk  
assessment also includes, if necessary, an action plan and  
instructions, and an evaluation of the chemicals used in the  
task. The risk assessment must also include information  
about other risks (ex. accidents, ergonomics, noise, etc.).