



9.2. Exposure scenario 2: Use at industrial sites - Use as an intermediate

Market sector: Manufacture of other substances

Sector of use: SU 9: Manufacture of fine chemicals

Environment contributing scenario(s):		
CS 1	Use as an intermediate	ERC 6a
Worker contributing scenario(s):		
CS 2	Handling/Transfer of solutions	PROC 8b
CS 3	Small scale handling/transfer of solutions	PROC 9
CS 4	Batch reaction process in closed system	PROC 3
CS 5	Open or semi-closed wet chemical reaction process	PROC 4
CS 6	Mixing, blending	PROC 5
CS 7	Laboratory analyses	PROC 15
CS 8	Manual handling of wetted materials	PROC 26
CS 9	Process steps at elevated temperature	PROC 22
CS 10	Wet cleaning	PROC 8a

Explanation on the approach taken for the ES:

It is noted that this exposure scenario focusses on exposure to the substance to be registered. Please refer to information on safe use for the handling of the individual manufactured substances for process steps commencing the chemical transformation step.

9.2.1. Env CS 1: Use as an intermediate (ERC 6a)

Exposure assessment and risk characterisation are not required (see scope under 9.0.3).

9.2.2. Worker CS 2: Handling/Transfer of solutions (PROC 8b)

9.2.2.1. Conditions of use

	Method
Conditions and measures related to personal protection, hygiene and health evaluation	
• Use of eye protection: Yes <i>Use suitable eye protection.</i>	

9.2.2.2. Exposure and risks for workers

No exposure datasets are defined for this worker contributing scenario.

Risk characterisation

Qualitative risk characterisation (Eye, local):

The risk to the eyes is controlled if suitable eye protection is used.

9.2.3. Worker CS 3: Small scale handling/transfer of solutions (PROC 9)

9.2.3.1. Conditions of use

	Method
Conditions and measures related to personal protection, hygiene and health evaluation	
• Use of eye protection: Yes <i>Use suitable eye protection.</i>	



9.2.3.2. Exposure and risks for workers

No exposure datasets are defined for this worker contributing scenario.

Risk characterisation

Qualitative risk characterisation (Eye, local):

The risk to the eyes is controlled if suitable eye protection is used.

9.2.4. Worker CS 4: Batch reaction process in closed system (PROC 3)

9.2.4.1. Conditions of use

	Method
Conditions and measures related to personal protection, hygiene and health evaluation	
• Use of eye protection: Yes <i>Use suitable eye protection.</i>	

9.2.4.2. Exposure and risks for workers

No exposure datasets are defined for this worker contributing scenario.

Risk characterisation

Qualitative risk characterisation (Eye, local):

The risk to the eyes is controlled if suitable eye protection is used.

9.2.5. Worker CS 5: Open or semi-closed wet chemical reaction process (PROC 4)

9.2.5.1. Conditions of use

	Method
Conditions and measures related to personal protection, hygiene and health evaluation	
• Use of eye protection: Yes <i>Use suitable eye protection.</i>	

9.2.5.2. Exposure and risks for workers

No exposure datasets are defined for this worker contributing scenario.

Risk characterisation

Qualitative risk characterisation (Eye, local):

The risk to the eyes is controlled if suitable eye protection is used.

9.2.6. Worker CS 6: Mixing, blending (PROC 5)

9.2.6.1. Conditions of use

	Method
Conditions and measures related to personal protection, hygiene and health evaluation	
• Use of eye protection: Yes <i>Use suitable eye protection.</i>	

9.2.6.2. Exposure and risks for workers

No exposure datasets are defined for this worker contributing scenario.

Risk characterisation



Qualitative risk characterisation (Eye, local):

The risk to the eyes is controlled if suitable eye protection is used.

9.2.7. Worker CS 7: Laboratory analyses (PROC 15)

9.2.7.1. Conditions of use

	Method
Conditions and measures related to personal protection, hygiene and health evaluation	
• Use of eye protection: Yes <i>Use suitable eye protection.</i>	

9.2.7.2. Exposure and risks for workers

No exposure datasets are defined for this worker contributing scenario.

Risk characterisation

Qualitative risk characterisation (Eye, local):

The risk to the eyes is controlled if suitable eye protection is used.

9.2.8. Worker CS 8: Manual handling of wetted materials (PROC 26)

9.2.8.1. Conditions of use

	Method
Conditions and measures related to personal protection, hygiene and health evaluation	
• Use of eye protection: Yes <i>Use suitable eye protection.</i>	

9.2.8.2. Exposure and risks for workers

No exposure datasets are defined for this worker contributing scenario.

Risk characterisation

Qualitative risk characterisation (Eye, local):

The risk to the eyes is controlled if suitable eye protection is used.

9.2.9. Worker CS 9: Process steps at elevated temperature (PROC 22)

9.2.9.1. Conditions of use

	Method
Conditions and measures related to personal protection, hygiene and health evaluation	
• Use of eye protection: Yes <i>Use suitable eye protection.</i>	

9.2.9.2. Exposure and risks for workers

No exposure datasets are defined for this worker contributing scenario.

Risk characterisation

Qualitative risk characterisation (Eye, local):

The risk to the eyes is controlled if suitable eye protection is used.

9.2.10. Worker CS 10: Wet cleaning (PROC 8a)

9.2.10.1. Conditions of use



	Method
Conditions and measures related to personal protection, hygiene and health evaluation	
• Use of eye protection: Yes <i>Use suitable eye protection.</i>	

9.2.10.2. Exposure and risks for workers

No exposure datasets are defined for this worker contributing scenario.

Risk characterisation

Qualitative risk characterisation (Eye, local):

The risk to the eyes is controlled if suitable eye protection is used.