



Current version: 3.0.1, issued: 28.02.2024 Reglaced version: 3.0.0, issued: 30.01.2024 Region: GB

#### SECTION 1: Title and scope of exposure scenario (ES)

#### 1.1 Title exposure scenario (ES)

ES13 Use of cleaning agents (e.g. windshield cleaner) and de-icers (liquid spray products) - consumer use

#### 1.2 Scope of exposure scenario (ES)

ES Type Consumer-ES for substance/mixture

Life cycle stage Consumer end use

**Product identifier** 

Trade name Methanol Substance name methanol

REACH registration no. 01-2119433307-44

CAS no. 67-56-1 EC no. 200-659-6

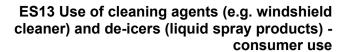
**Use descriptors** 

Sector of use (SU)						
Code	Use description					
	Consumer uses					
gory (ERC)						
Code	Use description					
RC8a	Wide dispersive indoor use of processing aids in open					
	systems					
RC8d	Wide dispersive outdoor use of processing aids in open					
	systems					
Code	Use description					
PC4	Anti-freeze and de-icing products					
PC4_0_2	Anti-freeze and de-icing products - spraying products					
PC35	Washing and cleaning products (including solvent based					
	products)					
PC35_0_2	Washing and cleaning products (including solvent based					
	products) - spray cleaners					
	U21 Gory (ERC) Gode RC8a  RC8d  Gode C4 C4 C4 C2 C35					

# SECTION 2: Operational conditions (OC) and risk management measures (RMM) controlling exposure towards environment and men

#### 2.1 Product characteristics

State of aggregation					
liquid					
Reference temperature	25 °C				
Dustiness	Dustiness				
Not applicable					
V					
Vapour pressure					
Value	169.27 hPa				
Reference temperature	25 °C				





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#### Other information

The efficiency of a risk management measure is a theoretical value. The efficiency describes to which extend (in percent) the calculated exposure can be diminished by applying a certain measure. If the described operational conditions and risk management measures are fulfilled by a downstream user, the efficiency as highlighted in the ES can be applied. A downstream user might check whether the efficiency of the LEV or general ventilation corresponds to his site.

For further instructions related to "Personal protective equipment" please refer to section 8 of the Safety Data Sheet.

#### 2.2 Contributing scenario controlling environmental exposure

Affected environmental release category (ERC)					
Category	Code	Use description			
Environmental release category (ERC)	ERC8a	Wide dispersive indoor use of processing aids in open systems			
	ERC8d	Wide dispersive outdoor use of processing aids in open systems			

#### Risk management measures (RMM) controlling environmental exposure

## Technical measures and efficiency of the risk managment measures (in exposure calculation model) No special measures are required.

#### Organisational measures

No special measures are required.

### Measures related to wastewater treatment and efficiency of the risk managment measures (in exposure calculation model)

No special measures are required.

#### Measures related to waste treatment

For further instructions related to waste management please refer to section 13 of the Safety Data Sheet.

Further measures	
ERC8a, ERC8d	No special measures are required.

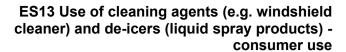
#### 2.3 Contributing scenario controlling consumer exposure

Affected product category (PC)					
Category	Code	Use description			
Product category (PC)	PC4	Anti-freeze and de-icing products			
	PC4_0_2	Anti-freeze and de-icing products - spraying products			
	PC35	Washing and cleaning products (including solvent based products)			
	PC35_0_2	Washing and cleaning products (including solvent based products) - spray cleaners			

#### Operational conditions controlling consumer exposure

Reference	e to relevant fact sheet
ConsExpo	o (v4.1) FS: Cleaning and washing agents/All-purpose cleaners/Spray cleaner/Application spraying and
application	n cleaning

Concentration of substance							
	PC4	I	PC4_0_2		PC3	5	
Value	≤ 5 %	6 5	≤ 5	%	≤	5	%
	PC35_0_2						
Value	≤ 5 %	6					





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Amounts used								
	PC4		PC4	4 0 2		PC	35	
Value	16.2	? g		0.8	g/sec		16.2	g
	PC35 0	2						
Value	0.8	g/sec						
Use conditions								
	PC4		PC4	4_0_2		PC	35	
Duration of use	≤ 10	min.	ca.	0.5	min.	≤	10	min.
Frequency of use	≤ 365	days/year	≤	365	days/year	≤	365	days/year
	PC35_0_	2						
Duration of use	ca. 0.5	min.						
Frequency of use	≤ 365	days/year						
Conditions for indoor use								
	PC4		PC4	4 0 2		PC	35	
Room size	≥ 15	m³	≥	15	m³	≥	15	m³
Air exchange rate	≥ 2.5	L/h	≥	2.5	L/h	≥	2.5	L/h
	PC35_0_	2						
Room size	≥ 15	m³						
Air exchange rate	≥ 2.5	L/h						
Exposure conditions								
	PC4		PC	35				
Duration of exposure per	60	min.		60	min.			

Risk management measures (RMM) controlling consumer exposure

Risk management measures (RMM) controlling consumer exposure
No special measures are required.

### **SECTION 3: Exposure estimation and reference to sources**

#### 3.1 Advice

application

The Risk Characterization Ratio (RCR) is the quotient of predicted human/environmental exposure and the related DNEL/PNEC. Exposure is calculated based on exposure models as stated below. If RCR ≤ 1 a use is considered as safe under operational conditions and risk management measures as specified in the exposure szenario.

For DNEL/PNEC values please refer to section 8 of the safety data sheet.

#### 3.2 Exposure estimation - Environment

Affected environmental release category (ERC)					
Category	Code	Use description			
Environmental release category (ERC)	ERC8a	Wide dispersive indoor use of processing aids in open systems			
	ERC8d	Wide dispersive outdoor use of processing aids in open systems			

Used exposure estimation model for calculation of environmental exposure			
Used exposure estimation model	As no environmental hazard was identified no environmental-related exposure		
	assessment and risk characterization was performed.		



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### 3.3 Exposure estimation - Consumer

Affected product category (PC)					
Category	Code	Use description			
Product category (PC)	PC4	Anti-freeze and de-icing products			
	PC4_0_2	Anti-freeze and de-icing products - spraying products			
	PC35	Washing and cleaning products (including solvent based products)			
	PC35_0_2	Washing and cleaning products (including solvent based products) - spray cleaners			

Used exposure estimation model for calculation of consumer exposure			
Used exposure estimation model	ConsExpo (v4.1)		
Link to exposure estimation tool	ConsExpo:		
	http://www.rivm.nl/en/Topics/Topics/C/ConsExpo		
Other information	For further conditions of use and parameters for exposure estimation please refer to		
	factsheet.		

Risk characterisation ratio (RCR)					
	Exposure estimation	oral	inhalative	dermal	total
PC4	Long-term systemic		0.016	0.015	0.031
PC4_0_2	Long-term systemic		0.003	0.002	0.005
PC35	Long-term systemic		0.015	0.015	0.030
PC35_0_2	Long-term systemic		0.003	0.002	0.005

SECTION 4: Guidance to DU to evaluate whether he works inside the boundaries set by the ES

#### 4.1 Recommendations and advice

No data available

#### 4.2 Exposure estimation - Environment

Used exposure estimation model for calculation of environmental exposure				
Used exposure estimation model	As no environmental hazard was identified no environmental-related exposure			
	assessment and risk characterization was performed.			

#### 4.3 Exposure estimation - Consumer

Used exposure estimation model for calculation of consumer exposure				
Used exposure estimation model	ConsExpo (v4.1)			
Link to exposure estimation tool	ConsExpo:			
	http://www.rivm.nl/en/Topics/Topics/C/ConsExpo			
Other information	For further conditions of use and parameters for exposure estimation please refer to			
	factsheet.			