GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

Do you want to proceed with an already started session? **No**

Continue without clicking the START button! **START** by clicking START you can empty already filled input-cells

*** It concerns designated SVHS-substances (For the Netherlands these substances can be found on the following link: (http://www.rivm.nl/rvs/Stoffenlijst/Zeer Zorgwekkende Stoffen) and substances that meet the SVHS-criteria (see http://echa.europa.eu/nl/candidate-list-table)

* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: Acetic Acid

Give the number of different compounds the mixture is consisting of: 1

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Are chronic data available ?	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment ** ?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Acetic Acid	64-19-7	No	98,000%	**No**	Yes	No	No	Yes	11,4	**1**		-0,17	No	**B3**	**substance is readily biodegradable and based on toxdata classified in B3-category;**	**hazardous for aquatic organisms**

GAM-classification mixture:		**B3**	**The GAM-classification of the mixture is:**							**B3**					**mixture is biodegradable and based on toxdata classified in A1-category**	**highly toxic to aquatic organisms; may have long-term hazourdous effects in aquatic environment**

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	30,000%	≥	####	
A2	300,000%	≥	####	
A3	#######	≥	####	
A4	#######	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	
B1	0,000%	≥	####	
B2	0,000%	≥	####	
B3	70,000%	≥	####	<<==
B5	0,000%	≥	1,00%	
C2	0,000%	=	100%	

R-biogedradable:	100,0%
NR biodegradable:	0,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\sum_i C_{i,Zi} > 0.1/M$; $C_{i,Zi} < 0.1/M$
- result of calculation rule meets criteria but is not decisive for classification
- result determines classification based on calculation rules.

GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

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* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: Acetylcysteine

Give the number of different compounds the mixture is consisting of: 1

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Are chronic data available ?	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment ** ?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Acetylcysteine	616-91-1	No	1,000%	**No**	Yes	No	No	Yes	100	**1**		-0,66	No	**B3**	**substance is readily biodegradable and based on toxdata classified in B3-category;**	**hazardous for aquatic organisms**

GAM-classification mixture:		**B5**	**The GAM-classification of the mixture is:**	**B5**	**mixture is biodegradable and based on toxdata classified in A1-category**	**highly toxic to aquatic organisms; may have long-term hazourdous effects in aquatic environment**

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	30,000%	≥	####	
A2	300,000%	≥	####	
A3	#######	≥	####	
A4	#######	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	
B1	0,000%	≥	####	
B2	0,000%	≥	####	
B3	70,000%	≥	####	
B5	0,000%	≥	1,00%	<<==
C2	0,000%	=	100%	

R-biogedradable:	100,0%
NR biodegradable:	0,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
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- $\sum_i C_{i,Zi} > 0.1/M$; $C_{i,Zi} < 0.1/M$
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GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

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* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: BDD Bacdown Detergent

Give the number of different compounds the mixture is consisting of: 3

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Are chronic data available ?	Is a complete chronic dataset available ?	Give lowest chronic NOEC value [mg/l]	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment **?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Alcohol ethoxylate	Proprietary	No	4,000%	**No**	Yes	No	No			No		**1**		0	No	**B1**	**substance is readily biodegradable and based on toxdata classified in B1-category;**	**highly toxic to aquatic organisms**
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	85409-23-0	No	2,000%	**No**	Yes	No	Yes	Yes	0,004	Yes	0,094	**1**		2,48	No	**B1**	**substance is readily biodegradable and based on toxdata classified in B1-category;**	**highly toxic to aquatic organisms**
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	No	2,000%	**No**	Yes	No	No			No		**1**		3,91	No	**B1**	**substance is readily biodegradable and based on toxdata classified in B1-category;**	**highly toxic to aquatic organisms**

GAM-classification mixture:		B2	The GAM-classification of the mixture is:	B2		mixture is biodegradable and based on toxdata classified in B1-category	highly toxic to aquatic organisms

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	10,000%	≥	####	
A2	100,000%	≥	####	
A3	#######	≥	####	
A4	#######	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	
B1	90,000%	≥	####	
B2	900,000%	≥	####	<<==
B3	#######	≥	####	
B5	0,000%	≥	1,00%	
C2	0,000%	=	100%	

R-biogedradable:	100,0%
NR biodegradable:	0,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\sum_i C_{i,Zi} > 0.1/M$; $C_{i,Zi} < 0.1/M$
- result of calculation rule meets criteria but is not decisive for classification
- result determines classification based on calculation rules.

GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

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* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: **Citric acid (Decon Quat 200C)**

Give the number of different compounds the mixture is consisting of: **1**

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Are chronic data available ?	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment ***	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Citric Acid	77-92-9	No	1,000%	**No**	Yes	No	No	Yes	440	**1**		-1,64	No	**B5**	**substance is readily biodegradable and based on toxdata classified in B5-category;**	**low hazard for aquatic organisms**

GAM-classification mixture:		**C1**	**The GAM-classification of the mixture is:**	**C1**	**mixture is biodegradable and based on toxdata classified in A1-category**	**highly toxic to aquatic organisms; may have long-term hazourdous effects in aquatic environment**

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	30,000%	≥	####	
A2	300,000%	≥	####	
A3	3000,000%	≥	####	
A4	3000,000%	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	<<==
B1	0,000%	≥	####	
B2	0,000%	≥	####	
B3	0,000%	≥	####	
B5	70,000%	≥	1,00%	
C2	0,000%	=	100%	

R-biogedradable:	100,0%
NR biodegradable:	0,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\Sigma_i C_{i,2i} > 0.1/M$; $C_{i,2i} < 0.1/M$
- result of calculation rule meets criteria but is not decisive for classification
- result determines classification based on calculation rules.

GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

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* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: **Clorox**

Give the number of different compounds the mixture is consisting of: **1**

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Give CLP-H-classification	Does it concern a harmonized CLP-classification?	Are chronic data available ?	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment ***?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Sodium hypochlorite	7681-52-9	No	7,500%	**No**	Yes	Yes	H410	Yes	No	1,4	Yes	**1**		-3,42	No	**B1**	**substance is readily biodegradable and based on toxdata classified in B1-category;**	**highly toxic to aquatic organisms**

GAM-classification mixture:		**B2**	**The GAM-classification of the mixture is:**	**B2**		**mixture is biodegradable and based on toxdata classified in A1-category**	**highly toxic to aquatic organisms; may have long-term hazourdous effects in aquatic environment**

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	30,000%	≥	####	
A2	300,000%	≥	####	
A3	3000,000%	≥	####	
A4	3000,000%	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	
B1	70,000%	≥	####	
B2	700,000%	≥	####	<<==
B3	7000,000%	≥	####	
B5	0,000%	≥	1,00%	
C2	0,000%	=	100%	

R-biogedradable:	100,0%
NR biodegradable:	0,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
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- $\Sigma_i C_{i,2i} > 0.1/M$; $C_{i,2i} < 0.1/M$
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GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

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* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: Contrad 70

Give the number of different compounds the mixture is consisting of: 2

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Are chronic data available ?	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment **?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Potassium hydroxide	1310-58-3	No	2,500%	**No**	Yes	No	No	No		**1**		0,83	No	**B1**	**substance is readily biodegradable and based on toxdata classified in B1-category;**	**highly toxic to aquatic organisms**
Trisodium citrate dihydrate	6132-04-3	No	8,000%	**No**	Yes	No	No	Yes	200	**1**		0	No	**B5**	**substance is readily biodegradable and based on toxdata classified in B5-category;**	**low hazard for aquatic organisms**

GAM-classification mixture:		B2	The GAM-classification of the mixture is:	B2		mixture is biodegradable and based on toxdata classified in B1-category	highly toxic to aquatic organisms

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	15,000%	≥	####	
A2	150,000%	≥	####	
A3	#######	≥	####	
A4	#######	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	
B1	70,000%	≥	####	
B2	700,000%	≥	####	<<==
B3	#######	≥	####	
B5	15,000%	≥	1,00%	
C2	0,000%	=	100%	

R-biogedradable:	100,0%
NR biodegradable:	0,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\sum_i C_{i,2i} > 0.1/M$; $C_{i,2i} < 0.1/M$
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* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: Coulter Clenz

Give the number of different compounds the mixture is consisting of: 2

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Give CLP-H-classification	Does it concern a harmonized CLP-classification?	Are chronic data available ?	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment **?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Diazolidinyl Urea	78491-02-8	No	1,000%	**No**	No	No			No	Yes	5,78	**1**		0,9	No	**A2**	**substance is not readily biodegradable and based on tox-data classified in A2-category; ATTENTION!: It concerns a mobile substance wich can cause problems by the preparation of drinking water!**	**toxic to aquatic organisms; may have long-term hazardous effects in aquatic environment**
Subtilisin	9014-01-1	No	1,000%	**No**	Yes	Yes	H410	Yes	No	Yes	0,17	**1**		-3,099	No	**B1**	**substance is readily biodegradable and based on toxdata classified in B1-category;**	**highly toxic to aquatic organisms**

GAM-classification mixture:		B3	The GAM-classification of the mixture is:	B3		mixture contains not readily biodegradable substances and based on toxdata classified in A2-category	toxic to aquatic organisms; may have long-term hazardous effects in aquatic environment

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	15,000%	≥	####	
A2	220,000%	≥	####	
A3	#######	≥	####	
A4	#######	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	
B1	15,000%	≥	####	
B2	150,000%	≥	####	
B3	#######	≥	####	<<==
B5	0,000%	≥	1,00%	
C2	0,000%	=	100%	

R-biogedradable:	50,0%
NR biodegradable:	50,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\Sigma_i C_{i,Zi} > 0.1/M$; $C_{i,Zi} < 0.1/M$
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* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: Decon Quat 200C

Give the number of different compounds the mixture is consisting of: 5

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Give CLP-H-classification	Does it concern a harmonized CLP-classification?	Are chronic data available ?	Is a complete chronic dataset available ?	Give lowest chronic NOEC value [mg/l]	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment **?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Didecyldimethylammonium chloride	7173-51-5	No	10,000%	**No**	Yes	Yes	H400	Yes	Yes	Yes	0,021	Yes		**1**		2,8	No	**B1**	**substance is readily biodegradable and based on toxdata classified in B1-category;**	**highly toxic to aquatic organisms**
Tetrasodium ethylene diamene tetraacetate	64-02-8	No	7,500%	**No**	Yes	No			No			Yes	486	**1**		5,01	No	**B5**	**substance is readily biodegrabable but potential bioaccumulative and based on toxdata classified in B5-category**	**low hazard for aquatic organisms**
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	No	7,500%	**No**	Yes	Yes	H400	Yes	Yes	Yes	0,032	Yes		**1**		2,75	No	**B1**	**substance is readily biodegradable and based on toxdata classified in B1-category;**	**highly toxic to aquatic organisms**
Alcohols, C9-11, branched and linear, ethoxylated	68439-46-3	No	3,000%	**No**	Yes	No						No		**1**		3,74	No	**B1**	**substance is readily biodegradable and based on toxdata classified in B1-category;**	**highly toxic to aquatic organisms**
Ethanol	64-17-5	No	3,000%	**No**	Yes	No				Yes	9,6	Yes	275	**1**		-0,29	No	**B5**	**substance is readily biodegradable and based on toxdata classified in B5-category;**	**low hazard for aquatic organisms**

check invoer! (punt-komma!)

Substance cannot be classified due to input insufficient data!

GAM-classification mixture:		B2	The GAM-classification of the mixture is:	B2		mixture contains potential bioaccumulating substances and based on toxdata classified in B1-category	highly toxic to aquatic organisms

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	0,000%	≥	####	
A2	0,000%	≥	####	
A3	0,000%	≥	####	
A4	0,000%	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	
B1	80,000%	≥	####	
B2	800,000%	≥	####	<<==
B3	#######	≥	####	
B5	20,000%	≥	1,00%	
C2	0,000%	=	100%	

R-biogedradable:	75,8%
NR biodegradable:	24,2%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\Sigma_i C_{i,2i} > 0.1/M$; $C_{i,2i} < 0.1/M$
- result of calculation rule meets criteria but is not decisive for classification
- result determines classification based on calculation rules.

GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

Do you want to proceed with an already started session? **No**

Continue without clicking the START button! **START** by clicking START you can empty already filled input-cells

*** It concerns designated SVHS-substances (For the Netherlands these substances can be found on the following link: (http://www.rivm.nl/rvs/Stoffenlijst/Zeer Zorgwekkende Stoffen) and substances that meet the SVHS-criteria (see http://echa.europa.eu/nl/candidate-list-table)

* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: Ethanol (Vesta Syde SQ)

Give the number of different compounds the mixture is consisting of: 1

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Are chronic data available ?	Is a complete chronic dataset available ?	Give lowest chronic NOEC value [mg/l]	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment **?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Ethanol	616-91-1	No	1,000%	**No**	Yes	No	Yes	Yes	9,6		275	**1**		-0,35	No	**B5**	**substance is readily biodegradable and based on toxdata classified in B5-category;**	**low hazard for aquatic organisms**

GAM-classification mixture:		C1	The GAM-classification of the mixture is:	C1		mixture is biodegradable and based on toxdata classified in A1-category	highly toxic to aquatic organisms; may have long-term hazourdous effects in aquatic environment

result based on calculation rules for mixtures

classi-fication	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	30,000%	≥	####	
A2	300,000%	≥	####	
A3	#######	≥	####	
A4	#######	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	<<==
B1	0,000%	≥	####	
B2	0,000%	≥	####	
B3	0,000%	≥	####	
B5	70,000%	≥	1,00%	
C2	0,000%	=	100%	

R-biogedradable:	100,0%
NR biodegradable:	0,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\Sigma_i C_{i,Zi} > 0.1/M$; $C_{i,Zi} < 0.1/M$
- result of calculation rule meets criteria but is not decisive for classification
- result determines classification based on calculation rules.

GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

Do you want to proceed with an already started session? **No**

Continue without clicking the START button! **START** by clicking START you can empty already filled input-cells

*** It concerns designated SVHS-substances (For the Netherlands these substances can be found on the following link: (http://www.rivm.nl/rvs/Stoffenlijst/Zeer Zorgwekkende Stoffen) and substances that meet the SVHS-criteria (see http://echa.europa.eu/nl/candidate-list-table)

* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: Hydrochloric Acid

Give the number of different compounds the mixture is consisting of: 1

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Are chronic data available ?	Are acute data available ?	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment **?	GAM-classification for individual substance ****	Note result (individual substance)		indication water hazard
Hydrochloric Acid	7647-01-0	No	12,000%	**No**	No	No	No	No	**1**		0,54	No	**A3**	**substance is not readily biodegradable and based on tox-data classified in A3-category; ATTENTION!: It concerns a mobile substance wich can cause problems by the preparation of drinking water!**	###	**hazardous for aquatic organisms, may have long-term hazardous effects in aquatic environment**

GAM-classification mixture:		**B4**	**The GAM-classification of the mixture is:**	**B4**		**mixture contains not readily biodegradable substances and based on toxdata classified in A1-category**	**highly toxic to aquatic organisms; may have long-term hazourdous effects in aquatic environment**

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	30,000%	≥	####	
A2	300,000%	≥	####	
A3	#######	≥	####	
A4	#######	≥	####	
B4	0,000%	≥	1,00%	<<==
C1	0,000%	=	100%	
B1	0,000%	≥	####	
B2	0,000%	≥	####	
B3	0,000%	≥	####	
B5	0,000%	≥	1,00%	
C2	0,000%	=	100%	

R-biogedradable:	0,0%
NR biodegradable:	100,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\sum_i C_{i,Zi} > 0.1/M$; $C_{i,Zi} < 0.1/M$
- result of calculation rule meets criteria but is not decisive for classification
- result determines classification based on calculation rules.

GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

Do you want to proceed with an already started session? **No**

Continue without clicking the START button! **START** by clicking START you can empty already filled input-cells

*** It concerns designated SVHS-substances (For the Netherlands these substances can be found on the following link: (http://www.rivm.nl/rvs/Stoffenlijst/Zeer Zorgwekkende Stoffen) and substances that meet the SVHS-criteria (see http://echa.europa.eu/nl/candidate-list-table)

* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: HEPES

Give the number of different compounds the mixture is consisting of: 1

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Are chronic data available ?	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment **?	GAM-classification for individual substance ****	Note result (individual substance)		indication water hazard
HEPES	7365-45-9	No	10,000%	**No**	No	No	No	Yes	100	**1**		-3,85	No	**A3**	**substance is not readily biodegradable and based on tox-data classified in A3-category; ATTENTION!: It concerns a mobile substance wich can cause problems by the preparation of drinking water!**	###	**hazardous for aquatic organisms, may have long-term hazardous effects in aquatic environment**

GAM-classification mixture:		B4	The GAM-classification of the mixture is:	B4		mixture contains not readily biodegradable substances and based on toxdata classified in A1-category	highly toxic to aquatic organisms; may have long-term hazourdous effects in aquatic environment

result based on calculation rules for mixtures

classi-fication	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	30,000%	≥	####	
A2	300,000%	≥	####	
A3	#######	≥	####	
A4	#######	≥	####	
B4	0,000%	≥	1,00%	<<==
C1	0,000%	=	100%	
B1	0,000%	≥	####	
B2	0,000%	≥	####	
B3	0,000%	≥	####	
B5	0,000%	≥	1,00%	
C2	0,000%	=	100%	

R-biogedradable:	0,0%
NR biodegradable:	100,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\sum_i C_{i,Zi} > 0.1/M$; $C_{i,Zi} < 0.1/M$
- result of calculation rule meets criteria but is not decisive for classification
- result determines classification based on calculation rules.

GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

Do you want to proceed with an already started session? **No**

Continue without clicking the START button! **START** by clicking START you can empty already filled input-cells

*** It concerns designated SVHS-substances (For the Netherlands these substances can be found on the following link: (http://www.rivm.nl/rvs/Stoffenlijst/Zeer Zorgwekkende Stoffen) and substances that meet the SVHS-criteria (see http://echa.europa.eu/nl/candidate-list-table)

* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: Hydrogen Peroxide

Give the number of different compounds the mixture is consisting of: 1

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Are chronic data available ?	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment ** ?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Hydrogen Peroxide	7722-84-1	No	35,000%	**No**	Yes	No	No	Yes	16,4	**1**		-1,57	No	**B3**	**substance is readily biodegradable and based on toxdata classified in B3-category;**	**hazardous for aquatic organisms**

GAM-classification mixture:		**B3**	**The GAM-classification of the mixture is:**	**B3**		**mixture is biodegradable and based on toxdata classified in A1-category**	**highly toxic to aquatic organisms; may have long-term hazourdous effects in aquatic environment**

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	30,000%	≥	####	
A2	300,000%	≥	####	
A3	#######	≥	####	
A4	#######	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	
B1	0,000%	≥	####	
B2	0,000%	≥	####	
B3	70,000%	≥	####	<<==
B5	0,000%	≥	1,00%	
C2	0,000%	=	100%	

R-biogedradable:	100,0%
NR biodegradable:	0,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\sum_i C_{i,Zi} > 0.1/M$; $C_{i,Zi} < 0.1/M$
- result of calculation rule meets criteria but is not decisive for classification
- result determines classification based on calculation rules.

GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

Do you want to proceed with an already started session? **No**

Continue without clicking the START button! **START** by clicking START you can empty already filled input-cells

*** It concerns designated SVHS-substances (For the Netherlands these substances can be found on the following link: (http://www.rivm.nl/rvs/Stoffenlijst/Zeer Zorgwekkende Stoffen) and substances that meet the SVHS-criteria (see http://echa.europa.eu/nl/candidate-list-table)

* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: **Sodium Hydroxide**

Give the number of different compounds the mixture is consisting of: **1**

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Are chronic data available ?	Are acute data available ?	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment **?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Sodium Hydroxide	1310-73-2	No	4,000%	**No**	Yes	No	No	No	**1**		-3,88	No	**B1**	**substance is readily biodegradable and based on toxdata classified in B1-category;**	**highly toxic to aquatic organisms**

GAM-classification mixture:		**B2**	**The GAM-classification of the mixture is:**	**B2**		**mixture is biodegradable and based on toxdata classified in A1-category**	**highly toxic to aquatic organisms; may have long-term hazourdous effects in aquatic environment**

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	30,000%	≥	####	
A2	300,000%	≥	####	
A3	#######	≥	####	
A4	#######	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	
B1	70,000%	≥	####	
B2	700,000%	≥	####	<<==
B3	#######	≥	####	
B5	0,000%	≥	1,00%	
C2	0,000%	=	100%	

R-biogedradable:	100,0%
NR biodegradable:	0,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\Sigma_i C_{i,2i} > 0.1/M$; $C_{i,2i} < 0.1/M$
- result of calculation rule meets criteria but is not decisive for classification
- result determines classification based on calculation rules.

GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

Do you want to proceed with an already started session? **No**

Continue without clicking the START button! **START** by clicking START you can empty already filled input-cells

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* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: **Phosphate Buffered Saline**

Give the number of different compounds the mixture is consisting of: **4**

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Are chronic data available ?	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment **?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Dihydrogen potassium phosphate	7778-77-0	No	3,000%	**No**	Yes	No	No	Yes	100	**1**		0	No	**B3**	**substance is readily biodegradable and based on toxdata classified in B3-category;**	**hazardous for aquatic organisms**
Potassium chloride	7447-40-7	No	2,000%	**No**	Yes	No	No	Yes	750	**1**		0	No	**B5**	**substance is readily biodegradable and based on toxdata classified in B5-category;**	**low hazard for aquatic organisms**
Sodium phosphate dibasic	7558-79-4	No	14,000%	**No**	Yes	No	No	Yes	100	**1**		-5,8	No	**B3**	**substance is readily biodegradable and based on toxdata classified in B3-category;**	**hazardous for aquatic organisms**
Sodium chloride	7647-14-5	No	81,000%	**No**	Yes	No	No	Yes	1000	**1**		0	Yes	**C2**	**substance naturally occurs in surface water and classified in C2-category**	**low hazard for aquatic organisms, occurs naturally in surface water**

GAM-classification mixture:		**B5**	**The GAM-classification of the mixture is:**	**B5**		**mixture is biodegradable and based on toxdata classified in A2-category**	**toxic to aquatic organisms; may have long-term hazardous effects in aquatic environment**

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	5,000%	≥	####	
A2	50,000%	≥	####	
A3	500,000%	≥	####	
A4	500,000%	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	
B1	0,000%	≥	####	
B2	0,000%	≥	####	
B3	75,000%	≥	####	
B5	15,000%	≥	1,00%	<<==
C2	5,000%	=	100%	

R-biogedradable:	100,0%
NR biodegradable:	0,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\sum_i C_{i,2i} > 0.1/M$; $C_{i,2i} < 0.1/M$
- result of calculation rule meets criteria but is not decisive for classification
- result determines classification based on calculation rules.

GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

Do you want to proceed with an already started session? **No**

Continue without clicking the START button! **START** by clicking START you can empty already filled input-cells

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* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: **Poloxamer 188**

Give the number of different compounds the mixture is consisting of: **1**

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Are chronic data available ?	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment **?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Poloxamer 188	9003-11-6	No	10,000%	**No**	Yes	No	No	Yes	10000	**1**		0	No	**B5**	**substance is readily biodegradable and based on toxdata classified in B5-category;**	**low hazard for aquatic organisms**

GAM-classification mixture: **B5**

The GAM-classification of the mixture is: **B5**

mixture is biodegradable and based on toxdata classified in A1-category

highly toxic to aquatic organisms; may have long-term hazourdous effects in aquatic environment

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	30,000%	≥	####	
A2	300,000%	≥	####	
A3	#######	≥	####	
A4	#######	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	
B1	0,000%	≥	####	
B2	0,000%	≥	####	
B3	0,000%	≥	####	
B5	70,000%	≥	1,00%	<<==
C2	0,000%	=	100%	

R-biogedradable:	100,0%
NR biodegradable:	0,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\sum_i C_{i,Zi} > 0.1/M$; $C_{i,Zi} < 0.1/M$
- result of calculation rule meets criteria but is not decisive for classification
- result determines classification based on calculation rules.

GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

Do you want to proceed with an already started session? **No**

Continue without clicking the START button! **START** by clicking START you can empty already filled input-cells

*** It concerns designated SVHS-substances (For the Netherlands these substances can be found on the following link: (http://www.rivm.nl/rvs/Stoffenlijst/Zeer Zorgwekkende Stoffen) and substances that meet the SVHS-criteria (see http://echa.europa.eu/nl/candidate-list-table)

* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: Process NPD

Give the number of different compounds the mixture is consisting of: 3

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Give CLP-H-classification	Does it concern a harmonized CLP-classification?	Are chronic data available ?	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment **?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Ethanolamine	141-43-5	No	7,500%	**No**	Yes	No			No	Yes	65	**1**		-1,91	No	**B3**	**substance is readily biodegradable and based on toxdata classified in B3-category;**	**hazardous for aquatic organisms**
Ethyl alcohol	64-17-5	No	3,000%	**No**	Yes	No			No	Yes	100	**1**		-0,32	No	**B3**	**substance is readily biodegradable and based on toxdata classified in B3-category;**	**hazardous for aquatic organisms**
Nonylphenol ethoxylates	9016-45-9	No	0,500%	**No**	Yes	Yes	H411	Yes				**1**		5,76	No	**A2**	**substance is readily biodegrabable but potential bioaccumulative and based on toxdata classified in A2-category**	**toxic to aquatic organisms; may have long-term hazardous effects in aquatic environment**

GAM-classification mixture: **B4** **The GAM-classification of the mixture is:** **B4**

mixture contains potential bioaccumulating substances and based on toxdata classified in A2-category

toxic to aquatic organisms; may have long-term hazardous effects in aquatic environment

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	10,000%	≥	####	
A2	105,000%	≥	####	
A3	#######	≥	####	
A4	#######	≥	####	
B4	0,000%	≥	1,00%	<<==
C1	0,000%	=	100%	
B1	0,000%	≥	####	
B2	0,000%	≥	####	
B3	85,000%	≥	####	
B5	0,000%	≥	1,00%	
C2	0,000%	=	100%	

R-biogedradable:	95,5%
NR biodegradable:	4,5%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\sum_i C_{i,Zi} > 0.1/M$; $C_{i,Zi} < 0.1/M$
- result of calculation rule meets criteria but is not decisive for classification
- result determines classification based on calculation rules.

GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

Do you want to proceed with an already started session? **No**

Continue without clicking the START button! **START** by clicking START you can empty already filled input-cells

*** It concerns designated SVHS-substances (For the Netherlands these substances can be found on the following link: (http://www.rivm.nl/rvs/Stoffenlijst/Zeer Zorgwekkende Stoffen) and substances that meet the SVHS-criteria (see http://echa.europa.eu/nl/candidate-list-table)

* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: ProKlenz NpH Sterile Detergent

Give the number of different compounds the mixture is consisting of: 3

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Are chronic data available ?	Is a complete chronic dataset available ?	Give lowest chronic NOEC value [mg/l]	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment **?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Polyalkylene glycol	9003-11-6	No	3,000%	**No**	Yes	No	No			Yes	18100	**1**		-0,92	No	**B5**	**substance is readily biodegradable and based on toxdata classified in B5-category;**	**low hazard for aquatic organisms**
Triethanolamine	102-71-6	No	7,500%	**No**	Yes	No	Yes	Yes	16	Yes	512	**1**		-1	No	**B5**	**substance is readily biodegradable and based on toxdata classified in B5-category;**	**low hazard for aquatic organisms**
Dipropylene Glycol Monomethyl Ether (PPG-2 methyl ether)	34590-94-8	No	10,000%	**No**	Yes	No		Yes	0,5	Yes	1	**1**		0,004	No	**B3**	**substance is readily biodegradable and based on toxdata classified in B3-category;**	**hazardous for aquatic organisms**

GAM-classification mixture:		**B5**	**The GAM-classification of the mixture is:**	**B5**		**mixture is biodegradable and based on toxdata classified in A2-category**	**toxic to aquatic organisms; may have long-term hazardous effects in aquatic environment**

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	10,000%	≥	####	
A2	100,000%	≥	####	
A3	#######	≥	####	
A4	#######	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	
B1	0,000%	≥	####	
B2	0,000%	≥	####	
B3	5,000%	≥	####	
B5	85,000%	≥	1,00%	<<==
C2	0,000%	=	100%	

R-biogedradable:	100,0%
NR biodegradable:	0,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\Sigma_i C_{i,2i} > 0.1/M$; $C_{i,2i} < 0.1/M$
- result of calculation rule meets criteria but is not decisive for classification
- result determines classification based on calculation rules.

GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

Do you want to proceed with an already started session? **No**

Continue without clicking the START button! **START** by clicking START you can empty already filled input-cells

*** It concerns designated SVHS-substances (For the Netherlands these substances can be found on the following link: (http://www.rivm.nl/rvs/Stoffenlijst/Zeer Zorgwekkende Stoffen) and substances that meet the SVHS-criteria (see http://echa.europa.eu/nl/candidate-list-table)

* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: Spore-Klenz

Give the number of different compounds the mixture is consisting of: 3

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Are chronic data available ?	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment **?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
Hydrogen Peroxide	7722-84-1	No	22,000%	**No**	Yes	No	No	Yes	16,4	**1**		-1,57	No	**B3**	**substance is readily biodegradable and based on toxdata classified in B3-category;**	**hazardous for aquatic organisms**
Acetic Acid	64-19-7	No	9,000%	**No**	Yes	No	No	Yes	75	**1**		-0,17	No	**B3**	**substance is readily biodegradable and based on toxdata classified in B3-category;**	**hazardous for aquatic organisms**
Peroxyacetic Acid	79-21-0	No	4,500%	**No**	Yes	No		Yes	15,6	**1**		-1,07	No	**B3**	**substance is readily biodegradable and based on toxdata classified in B3-category;**	**hazardous for aquatic organisms**

GAM-classification mixture:		B3	The GAM-classification of the mixture is:	B3		mixture is biodegradable and based on toxdata classified in A2-category	toxic to aquatic organisms; may have long-term hazardous effects in aquatic environment

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	10,000%	≥	####	
A2	100,000%	≥	####	
A3	#######	≥	####	
A4	#######	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	
B1	0,000%	≥	####	
B2	0,000%	≥	####	
B3	90,000%	≥	####	<<==
B5	0,000%	≥	1,00%	
C2	0,000%	=	100%	

R-biogedradable:	100,0%
NR biodegradable:	0,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\sum_i C_{i,2i} > 0.1/M$; $C_{i,2i} < 0.1/M$
- result of calculation rule meets criteria but is not decisive for classification
- result determines classification based on calculation rules.

GENERAL ASSESSMENT METHOD FOR SUBSTANCES AND MIXTURES (GAM)

Do you want to proceed with an already started session? **No**

Continue without clicking the START button! **START** by clicking START you can empty already filled input-cells

*** It concerns designated SVHS-substances (For the Netherlands these substances can be found on the following link: (http://www.rivm.nl/rvs/Stoffenlijst/Zeer Zorgwekkende Stoffen) and substances that meet the SVHS-criteria (see http://echa.europa.eu/nl/candidate-list-table)

* a substance is readily biodegradable as criteria of readily biodegradable can be met (biodegradation of 70% whithin 28 days (see OECD-301 tests)
** Substances as e.g. chloride and sulphate. But metals do NOT belong to this category!

Name of the mixture: Vesta Syde SQ

Give the number of different compounds the mixture is consisting of: 5

Name of substance	insert CAS-nr.	Does it concern a substance previously assessed ?	Composition by weight-percentage (%)	Does it concern a SVHC or a substance that meets the SVHC-criteria ?	Is the substance readily biodegradable?*	Is CLP H-classification for aquatic toxicity available ?	Give CLP-H-classification	Does it concern a harmonized CLP-classification?	Are chronic data available ?	Are acute data available ?	Give lowest LC-50 (fish) or E(r)C-50 or LL-50 value [mg/l]	M-factor	Solubility [mg/l]	Log Kow	Does substance naturally occur in aquatic environment **?	GAM-classification for individual substance ****	Note result (individual substance)	indication water hazard
didecyl dimethyl ammonium chloride	7171-51-5	No	10,000%	**No**	Yes	No			No	No		**1**		2,59	No	**B1**	**substance is readily biodegradable and based on toxdata classified in B1-category;**	**highly toxic to aquatic organisms**
Ethanolamine	141-43-5	No	7,500%	**No**	Yes	No			No	Yes	15	**1**		-1,91	No	**B3**	**substance is readily biodegradable and based on toxdata classified in B3-category;**	**hazardous for aquatic organisms**
n-Propanol	71-23-8	No	3,000%	**No**	Yes	No				Yes	3339	**1**		0,25	No	**B5**	**substance is readily biodegradable and based on toxdata classified in B5-category;**	**low hazard for aquatic organisms**
1-octanamine n n-dimethyl- n-oxide	2605-78-9	No	3,000%	**No**	Yes	No				No		**1**		0	No	**B1**	**substance is readily biodegradable and based on toxdata classified in B1-category;**	**highly toxic to aquatic organisms**
alanine n n-bis(carboxymethyl)- trisodium salt	164462-16-2	No	3,000%	**No**	Yes	Yes	H412	Yes				**1**		0	No	**B3**	**substance is readily biodegradable and based on toxdata classified in B3-category;**	**hazardous for aquatic organisms**

GAM-classification mixture:		B2	The GAM-classification of the mixture is:	B2		mixture is biodegradable and based on toxdata classified in B1-category	highly toxic to aquatic organisms

result based on calculation rules for mixtures

classification	result calculation	rule	criteria	
Z1	0,000%	≥	0,10%	
Z2	0,000%	≥	0,10%	
A1	0,000%	≥	####	
A2	0,000%	≥	####	
A3	0,000%	≥	####	
A4	0,000%	≥	####	
B4	0,000%	≥	1,00%	
C1	0,000%	=	100%	
B1	75,000%	≥	####	
B2	750,000%	≥	####	<<==
B3	#######	≥	####	
B5	5,000%	≥	1,00%	
C2	0,000%	=	100%	

R-biogedradable:	100,0%
NR biodegradable:	0,0%

LEGENDA:

- cells (to be filled) needed for GAM classification
- (filled in) cells
- cells (to be filled) NOT needed for GAM-category but desired for the environmental profile of the substance
- $\Sigma_i C_{i,Zi} > 0.1/M$; $C_{i,Zi} < 0.1/M$
- result of calculation rule meets criteria but is not decisive for classification
- result determines classification based on calculation rules.