










HZ Grease canopy with ozone cleaning, (ospecificerad)

Article		Manufacturer / Supplier	
Brand:	NORDcanopy	Name:	ETS NORD AS Sverige Filial
Name:	HZ Grease canopy with ozone cleaning, (ospecificerad)	FTI recycling system:	-
Description:	The HZ Grease canopy with ozone cleaning combines effective grease removal with stylish design to thoroughly clean your kitchen exhaust air stream and remove excess heat from the kitchen. In addition to mechanically separating grease with our highly efficient HFK grease filters, this canopy also includes an integrated ozonator and smart control system to further reduce grease and odor. Ozone treatment is simply chemical oxidation, whereby grease and odor are broken down to water vapor and dry minerals, thereby providing many advantages. - translated by Google	EMAS registration:	-
		ISO 14001 certification:	Yes
		REPA-register:	-
Article no.:			
BSAB code:	XCB - Inredningsenheter i storkök e d QME - Frånluftsdon		
BK04:	21099 - Ventilation in general		

Summary		
Conditions:	Documentation complete, product assessment possible	
Assessment:	A	
Assessment explanation:	A	
Note:		
	During the manufacturing phase	In the finished product
Phase-out substances:	Yes (U)	Yes U
Priority risk-reduction substances:	Yes (R)	Yes R
PBT/vPvB substances:	Yes (P1)	Yes P1
Potential PBT/vPvB substances:	Yes (P2)	Yes P2
Endocrine Disrupting Substances Category 1:	Yes (H1)	Yes H1
Endocrine Disrupting Substances Category 2:	Yes (H2)	Yes H2
Environmentally hostile substances:	Yes (Y)	Yes Y
Substances hazardous to health:	Yes 	-
Substances hazardous to health present in the product in the same way as raw materials:		
Other eco-labelling:	Nanoparticles:	 No
Energy class:		

Reported documentation			
Type	Issue	Check	Status
 Environmental Product Declaration	2024-03-20	2024-08-06	Manual
 Product Information		2024-08-08	Manual
 CE Declaration of Conformity	2023-07-12	2024-08-08	Manual
 Miscellaneous	2024-04-26	2024-08-06	Manual
 Installation instructions		2024-08-08	Manual
 SundaHus declaration	2024-06-05	2024-08-08	Manual
 Declaration of Compliance	2023-10-23	2024-08-06	Manual

Contents

Name:		CAS no.	Amount	Classifications
EPDM rubber (CAS 25038-36-2) "Worst Case" substance			0.1 %	
distillates (petroleum), solvent-refined light naphthenic		64741-97-5	0.02 %	
calcium oxide		1305-78-8	0.003 %	H315, H318, H335
Di(morpholin-4-yl) disulphide	R	103-34-4	0.001 %	H317, H335, H411
Disulfiram tetraethylthiuramdisulfide	R	97-77-8	0.001 %	H302, H317, H373, H400, H410
EPDM (ethylene propylene ethylenenorbornene terpolymer) "Worst Case" substance		25038-36-2	0.035 %	
(ethyldiene norbornene)	R	16219-75-3		H226, H304, H315, H317, H332, H373
(ethene)		74-85-1		H220, H336
(1-propene)		115-07-1		H220
carbon black		1333-86-4	0.042 %	
MBT "Worst Case" substance	R	149-30-4	0.0002 %	H317, H400, H410
octadecanoic acid		57-11-4	<0.0008 %	
(sulfur) "Worst Case" substance		7704-34-9	0.0002 %	H315
thioperoxydicarbonic diamide, tetramethyl-	R H1	137-26-8	0.0002 %	H302, H315, H317, H319, H332, H373, H400, H410
zinc oxide	R	1314-13-2	0.003 %	H400, H410
Factory made flexible elastomeric foam (FEF) EN 14304 "Worst Case" substance			0.4 %	
phosphoric acid, 2-ethylhexyl diphenyl ester		1241-94-7	<0.048 %	
phenol, 2,2-methylenebis[6-(1,1-dimethylethyl)-4-methyl-	U H2	119-47-1	<0.004 %	H360F
acrylonitrile-butadiene copolymer		9003-18-3	<0.1 %	
aluminum hydroxide		21645-51-2	<0.112 %	
Antimony trioxide	R	1309-64-4	<0.004 %	H351
(AZO/ADCA)	U	123-77-3	<0.004 %	H334
phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	R H2	128-37-0	<0.004 %	H410
benzene, 1,1-(1,2-ethanediyl)bis[2,3,4,5,6-pentabromo- "Worst Case" substance	R P2	84852-53-9	<0.088 %	
soybean oil, epoxidized		8013-07-8	<0.012 %	
limestone		1317-65-3	0.12 %	
Kvartsdamm, < 5 my			0.12 %	
carbon black		1333-86-4	<0.048 %	
poly(oxy-1,2-ethanediyl), .alpha.-hydro.-omega.-hydroxy- "Worst Case" substance		25322-68-3	<0.012 %	
(1,2-ethanediol)		107-21-1		H302
(oxirane)	U	75-21-8		H220, H315, H319, H331, H335, H340, H350

Contents

Name:		CAS no.	Amount	Classifications
(water)		7732-18-5		
polyvinyl chloride polymer		9002-86-2	0.08 %	
(vinyl chloride)	U	75-01-4	0.08 %	H220, H350
acetic acid ethenyl ester, polymer with chloroethene		9003-22-9	<0.048 %	
(acetic acid ethenyl ester)	R	108-05-4		H225, H332, H335, H351
(vinyl chloride)	U	75-01-4		H220, H350
pyrithione zinc	U	13463-41-7	<0.0004 %	H301, H318, H330, H360D, H372, H400, H410
quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer		26780-96-1	<0.004 %	H412
Stearic acid 50		67701-03-5	<0.0048 %	
zinc oxide	R	1314-13-2	<0.004 %	H400, H410
galvanized steel EN 1.0038, S235JR "Worst Case" substance			1.3 %	
Steel S235JR 1.0038 EN 10025-2:2019			1.3 %	
(phosphorus)		7723-14-0	0.000585 %	H228, H412
iron		7439-89-6	1.3 %	
carbon		7440-44-0	0.00299 %	
Copper	\$	7440-50-8	0.0078 %	
nitrogen		7727-37-9	0.000182 %	
manganese		7439-96-5	0.0195 %	
(sulfur) "Worst Case" substance		7704-34-9	0.000585 %	H315
zinc		7440-66-6	0.091 %	
Flexible PVC "Worst Case" substance			0.1 %	
1,2-benzenedicarboxylic acid, di-c8-10-alkyl esters, branched, c9-rich	R H2	68515-48-0	0.04 %	
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	U	15571-58-1	<0.0005 %	H360D, H372, H400, H410
2-propanol, 1,3-dichloro-, phosphate (3:1)	R	13674-87-8	<0.003 %	H351
chlorinated paraffins, C14-17 (MCCPs)	U P1	85535-85-9	<0.005 %	H362, H400, H410, EUH066
Antimony trioxide	R	1309-64-4	0.001 %	H351
Ca/Zn-stabilizer			0.001 %	
calcium		7440-70-2		H261
zinc	\$	7440-66-6		
carbonic acid, calcium salt (1:1)		471-34-1	<0.03 %	

Contents

Name:		CAS no.	Amount	Classifications
soybean oil, epoxidized		8013-07-8	0.002 %	
octadecanoic acid, calcium salt		1592-23-0	<0.0015 %	
PVC-polymer "Worst Case" substance		9002-86-2	0.05 %	
(vinyl chloride)	U	75-01-4	0.05 %	H220, H350
octadecanoic acid, zinc salt		557-05-1	<0.0015 %	
Stainless steel (1.4301, X5CrNi18-10), (304, 304N, SUS304, 304S15), A2			87.5 %	
(phosphorus)		7723-14-0	0.039375 %	H228, H412
iron		7439-89-6	65.1875 %	
silicon		7440-21-3	0.875 %	
carbon		7440-44-0	0.06125 %	
(chromium)		7440-47-3	17.0625 %	
nitrogen		7727-37-9	0.09625 %	
manganese		7439-96-5	1.75 %	
(nickel)	R	§ 7440-02-0	9.1875 %	H317, H351, H372
(sulfur) "Worst Case" substance		7704-34-9	0.013125 %	H315
Stainless steel EN 1.4401, ASTM 316, UNS-S31600			3 %	
(phosphorus)		7723-14-0	0.00135 %	H228, H412
iron		7439-89-6	2.0478 %	
silicon		7440-21-3	0.03 %	
carbon		7440-44-0	0.0021 %	
(chromium)		7440-47-3	0.555 %	
(nitrogen)		7727-37-9	0.0033 %	
manganese		7439-96-5	0.06 %	
(molybdenum)		7439-98-7	0.075 %	R62
(nickel)	R	§ 7440-02-0	0.39 %	H317, H351, H372
(sulfur) "Worst Case" substance		7704-34-9	0.00045 %	H315

Included products

Name:	Amount	Classifications
LED light	2.6% x 2.6%	

Included products

Name:	Amount	Classifications
OZ Unit	5.1% x 5.1%	

Emissions

Conforms To E0:

Conforms to E1:

Conforms To M1:

Conforms To M2:

Conforms To CARB1:

Conforms To CARB2:

EMICODE:

Energy consumption

Raw materials:

Manufacturing:

Total:

Residual products / Waste

	During construction	During demolition
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Re-use:		99.5 %
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Material recycling:		98 %
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Energy recycling:

Landfill deposition:

EWC (European Waste Code):

Hazardous waste:	-	-
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Portion of recycled material

Pre-consumer: 21.4 %

Post-consumer: 73.2 %

Service life

Service life: 20 år

Classification of the product

Hazard statements:

Precautionary statements

Risk phrases

Safety phrases

Corporate Social Responsibility (CSR)

CSR-policy:

Life Cycle Analysis

Climate impact - total (GWPTotal)::	2.89	kg CO ₂ -eq/Kg	Life cycle phase:	A1-A3
Climate impact - fossil (GWPFossil):	2.36	kg CO ₂ -eq/Kg	Functional unit (FU):	Kg
Climate impact - biogenic (GWPBiogenic):	0.525	kg CO ₂ -eq/Kg	Comment:	
Climate impact - LULUC (GWPLULUC):	0.00726	kg CO ₂ -eq/Kg	Document date:	2024-03-20
Ozone depletion Potential (ODP):	3.72E-07	kg eten-eq/Kg	Valid to:	2029-03-20

Life Cycle Analysis

Water usage - freshwater (EPFreshwater):	Source:	
Water usage - freshwater (EPFreshwater):	0.000326	kg (PO ₄) ³ -eq/Kg
Water usage - sea (EPMarine):	0.00663	kg N-eq/Kg
Water usage - terrestrial (EPTerrestrial):	0.0781	kg N-eq/Kg
Acidification Potential (AP):	0.04	H ⁺ -eq/Kg
Renewable energy:	17.2	MJ/Kg
Non renewable energy:	56.1	MJ/Kg
Photochemical Ozone Creation Potential (POCP):	0.023	kg NMVOC-eq/Kg
Water usage (WDP):	2.27	m ³ depr-eq/Kg
EPD EN 15804:	Yes	
EPD ISO 14025:	Yes	

Demolition Phase

Disassembly:	Yes	Everything except Armaflex insulation (translated by Google)
Special measures:	No	

Waste Management




Comprised in producer responsibility: No

Miscellaneous

Assessed: 2024-08-21 by Sebastian Ingels
Revised:
SHMD number: SHMD-75HYC67GLD
Criteria: SundaHus Material Data Assessment Criteria edition 6.1.7

Explanations

(U)	At least one phase-out substance has been used in the manufacturing phase.
U	Contains at least one phase-out substance. / The substance fulfills the criteria for a phase-out substance according to the Swedish Chemicals Authority tool for substitution, PRIO.
(R)	At least one prioritized risk reduction substance has been used in the manufacturing phase.
R	Contains at least one prioritized risk reduction substance. / The substance fulfills the criteria for a prioritized risk reducing substance according to the Swedish Chemicals Authority tool for substitution, PRIO.
(H1)	At least one substance on the European Commission Priority List with endocrine disruptors in category 1 has been used in the manufacturing stage for this product; this means that there is evidence of endocrine disrupting effects in at least one species (including humans).
H1	Contains at least one substance found on the European Commission Priority List with endocrine disruptors in category 1; this means that there is evidence of endocrine disrupting effects in at least one species (including humans). / The substance is present in the European Comissions prioritization list over endocrine disruptors under category 1, which means that there is scientific evidence for an endocrine disrupting effect in atleast one animal (including humans).
(H2)	At least one substance on the European Commission Priority List with endocrine disruptors in category 2 has been used in the manufacturing stage for this product; this means that there is evidence of endocrine disrupting effects regarding the specific substance when doing "in vitro"-experiments (test tube experiments).



Explanations	
H2	Contains at least one substance found on the European Commission Priority List with endocrine disruptors in category 2; this means that there is evidence of endocrine disrupting effects regarding the specific substance when doing "in vitro"-experiments (test tube experiments). / The substance is present in the European Comissions prioritization list over endocrine disruptors under category 2, which means that there is scientific evidence for an endocrine disrupting effect when performing in vitro experiments (test tube experiments).
(P1)	At least one PBT/vPvB substance has been used in the manufacturing phase.
P1	Contains at least one PBT/vPvB substance. / The substance is persistent, bioaccumulative (a substance that gathers in living animals) and toxic alternatively very persistent and very bioaccumulative.
(P2)	At least one potential PBT/vPvB substance has been used in the manufacturing phase.
P2	Contains at least one potential PBT/vPvB substance. / The substance is potentially persistent, bioaccumulative (a substance that gathers in living animals) and toxic alternatively potentially very persistent and very bioaccumulative.
	Substances hazardous to health present in the product during the manufacturing phase.
§	The substance is present in the restriction database.
n	Does not contain nano particles
	Contains at least one environmentally hostile substance.
	At least one environmentally hazardous substance used at construction
"Worst Case" substance	Worstcase substances are those that past experience or literature has shown may be present in particular product types. Worstcase substances are used when specific information on the product content is missing, in order to ensure that no critical elements are left out in the assessment.
(substance name)	A substance name in parentheses indicates that the substance is only present during the manufacturing stage, not in the finished product.
EUH066	Repeated exposure may cause skin dryness or cracking.
H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H261	In contact with water releases flammable gas.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H360D	May damage the unborn child
H360F	May damage fertility
H362	May cause harm to breast-fed children.
H372	Causes damage to organs through prolonged or repeated exposure.








HZ Grease canopy with ozone cleaning, (ospecificerad)

Explanations	
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
R62	Possible risk of impaired fertility

HZ Grease canopy with ozone cleaning, (ospecificerad)

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		ISO 14001 certification:	Yes
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Note:		
	During the manufacturing phase	In the finished product
Phase-out substances:	Yes (U)	Yes U
Priority risk-reduction substances:	Yes (R)	Yes R
PBT/vPvB substances:	Yes (P1)	Yes P1
Potential PBT/vPvB substances:	Yes (P2)	Yes P2
Endocrine Disrupting Substances Category 1:	Yes (H1)	Yes H1
Endocrine Disrupting Substances Category 2:	Yes (H2)	Yes H2
Environmentally hostile substances:	Yes (Y)	Yes Y
Substances hazardous to health:	Yes 	-
Substances hazardous to health present in the product in the same way as raw materials:		
Other eco-labelling:	Nanoparticles:	 No
Energy class:		

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silicon		7440-21-3	0.03 %	
carbon		7440-44-0	0.0021 %	
(chromium)		7440-47-3	0.555 %	
(nitrogen)		7727-37-9	0.0033 %	
manganese		7439-96-5	0.06 %	
(molybdenum)		7439-98-7	0.075 %	R62
(nickel)	R	§ 7440-02-0	0.39 %	H317, H351, H372
(sulfur) "Worst Case" substance		7704-34-9	0.00045 %	H315

Included products

Name:	Amount	Classifications
LED light	2.6% x 2.6%	

Included products

Name:	Amount	Classifications
OZ Unit	5.1% x 5.1%	

Emissions

Conforms To E0:

Conforms to E1:

Conforms To M1:

Conforms To M2:

Conforms To CARB1:

Conforms To CARB2:

EMICODE:

Energy consumption

Raw materials:

Manufacturing:

Total:

Residual products / Waste

	During construction	During demolition
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Re-use:		99.5 %
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Material recycling:		98 %
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Energy recycling:

Landfill deposition:

EWG (European Waste Code):

Hazardous waste:	-	-
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Portion of recycled material

Pre-consumer: 21.4 %

Post-consumer: 73.2 %

Service life

Service life: 20 år

Classification of the product

Hazard statements:

Precautionary statements

Risk phrases

Safety phrases

Corporate Social Responsibility (CSR)

CSR-policy:

Life Cycle Analysis

Climate impact - total (GWPTotal):	2.89	kg CO ₂ -eq/Kg	Life cycle phase:	A1-A3
Climate impact - fossil (GWPFossil):	2.36	kg CO ₂ -eq/Kg	Functional unit (FU):	Kg
Climate impact - biogenic (GWPBioGenic):	0.525	kg CO ₂ -eq/Kg	Comment:	
Climate impact - LULUC (GWPLULUC):	0.00726	kg CO ₂ -eq/Kg	Document date:	2024-03-20
Ozone depletion Potential (ODP):	3.72E-07	kg eten-eq/Kg	Valid to:	2029-03-20

Life Cycle Analysis

Water usage - freshwater (EPFreshwater):	Source:	
Water usage - freshwater (EPFreshwater):	0.000326	kg (PO ₄) ³ -eq/Kg
Water usage - sea (EPMarine):	0.00663	kg N-eq/Kg
Water usage - terrestrial (EPTerrestrial):	0.0781	kg N-eq/Kg
Acidification Potential (AP):	0.04	H ⁺ -eq/Kg
Renewable energy:	17.2	MJ/Kg
Non renewable energy:	56.1	MJ/Kg
Photochemical Ozone Creation Potential (POCP):	0.023	kg NMVOC-eq/Kg
Water usage (WDP):	2.27	m ³ depr-eq/Kg
EPD EN 15804:	Yes	
EPD ISO 14025:	Yes	

Demolition Phase

Disassembly:	Yes	Everything except Armaflex insulation (översatt av Google)
Special measures:	No	

Waste Management

Comprised in producer responsibility: No

Miscellaneous

Assessed: 2024-08-21 by Sebastian Ingels




Revised:

SHMD number: SHMD-75HYC67GLD

Criteria: SundaHus Material Data Assessment Criteria edition 6.1.7

Explanations

(U)	At least one phase-out substance has been used in the manufacturing phase.
U	Contains at least one phase-out substance. / The substance fulfills the criteria for a phase-out substance according to the Swedish Chemicals Authority tool for substitution, PRIO.
(R)	At least one prioritized risk reduction substance has been used in the manufacturing phase.
R	Contains at least one prioritized risk reduction substance. / The substance fulfills the criteria for a prioritized risk reducing substance according to the Swedish Chemicals Authority tool for substitution, PRIO.
(H1)	At least one substance on the European Commission Priority List with endocrine disruptors in category 1 has been used in the manufacturing stage for this product; this means that there is evidence of endocrine disrupting effects in at least one species (including humans).
H1	Contains at least one substance found on the European Commission Priority List with endocrine disruptors in category 1; this means that there is evidence of endocrine disrupting effects in at least one species (including humans). / The substance is present in the European Comissions prioritization list over endocrine disruptors under category 1, which means that there is scientific evidence for an endocrine disrupting effect in atleast one animal (including humans).
(H2)	At least one substance on the European Commission Priority List with endocrine disruptors in category 2 has been used in the manufacturing stage for this product; this means that there is evidence of endocrine disrupting effects regarding the specific substance when doing "in vitro"-experiments (test tube experiments).

Explanations	
H2	Contains at least one substance found on the European Commission Priority List with endocrine disruptors in category 2; this means that there is evidence of endocrine disrupting effects regarding the specific substance when doing "in vitro"-experiments (test tube experiments). / The substance is present in the European Comissions prioritization list over endocrine disruptors under category 2, which means that there is scientific evidence for an endocrine disrupting effect when performing in vitro experiments (test tube experiments).
(P1)	At least one PBT/vPvB substance has been used in the manufacturing phase.
P1	Contains at least one PBT/vPvB substance. / The substance is persistent, bioaccumulative (a substance that gathers in living animals) and toxic alternatively very persistent and very bioaccumulative.
(P2)	At least one potential PBT/vPvB substance has been used in the manufacturing phase.
P2	Contains at least one potential PBT/vPvB substance. / The substance is potentially persistent, bioaccumulative (a substance that gathers in living animals) and toxic alternatively potentially very persistent and very bioaccumulative.
	Substances hazardous to health present in the product during the manufacturing phase.
§	The substance is present in the restriction database.
n	Does not contain nano particles
	Contains at least one environmentally hostile substance.
	At least one environmentally hazardous substance used at construction
"Worst Case" substance	Worstcase substances are those that past experience or literature has shown may be present in particular product types. Worstcase substances are used when specific information on the product content is missing, in order to ensure that no critical elements are left out in the assessment.
(substance name)	A substance name in parentheses indicates that the substance is only present during the manufacturing stage, not in the finished product.
EUH066	Repeated exposure may cause skin dryness or cracking.
H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H261	In contact with water releases flammable gas.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H360D	May damage the unborn child
H360F	May damage fertility
H362	May cause harm to breast-fed children.
H372	Causes damage to organs through prolonged or repeated exposure.

HZ Grease canopy with ozone cleaning, (ospecificerad)

Explanations	
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
R62	Possible risk of impaired fertility