

Product	<b>YZS-0704*</b>	<b>GEUROLIE GERANIUM</b>
Versie	11.0	Herzieningsdatum 01-02-2024
		Printdatum 15-11-2024

### 1. Identificatie van de stof of het mengsel en van de vennootschap/onderneming

#### 1.1 Productidentificatie

Product code	geurstofmengsel
	YZS-0704*
	GEUROLIE GERANIUM
	UFI :JFX1-3050-M00G-DX69

#### 1.2 Relevant geïdentificeerd gebruik van de stof of het mengsel en ontraden gebruik

Beoogd gebruik Geurstofmengsel ter parfumering van finale consumenten producten.

#### 1.3 Details betreffende de verstrekker van het veiligheidsinformatieblad

Producent	Gildewerk B.V.	Tel. +31 - (0)23 - 532 22 55
	A Hofmanweg 41	Fax +31 - (0)23 - 534 09 65
	2031 BH Haarlem	E-mail: holland@gildewerk.com
	Nederland	

**1.4 Telefoonnummer voor noodgevallen** Uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen  
Tel +31 (0) 30 -2748888 (Nationaal Vergiftigingen Informatie Centrum)

### 2. Identificatie van de gevaren

#### 2.1 Indeling van de stof of het mengsel

##### Indeling (VERORDENING (EG) Nr. 1272/2008)

H304 Kan dodelijk zijn als de stof bij inslikken in de luchtwegen terecht komt. Aspiration hazard (AH) Category 1  
H315 Veroorzaakt huidirritatie. Skin corrosion/irritation (SCI) Category 2  
H317 Kan een allergische huidreactie veroorzaken. Sensitization, skin (SS 1 / 1B) Category 1  
H318 Veroorzaakt ernstig oogletsel. Serious eye damage/eye irritation (EDI) 1  
H411 Giftig voor in het water levende organismen, met langdurige gevolgen. Hazardous to the aquatic environment, long-term hazard (EH C) Category 2

#### 2.2 Etiketteringselementen

##### Etikettering (VERORDENING (EG) Nr. 1272/2008)

Gevarenpictogrammen



GHS05



GHS07



GHS08



GHS09

Signaalwoord

GEVAAR

Gevarenaanduidingen

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H317 Kan een allergische huidreactie veroorzaken.  
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### Veiligheidsaanbevelingen

Preventie P270 Niet eten, drinken of roken tijdens het gebruik van dit product.  
P273 Voorkom lozing in het milieu.  
P280 Beschermende handschoenen/beschermende kleding/oog-  
bescherming/gelaatsbescherming dragen.

Maatregelen P301+P310 NA INSLIKKEN: onmiddellijk een ANTIGIFCENTRUM of een arts raadplegen.  
P302+P352 BIJ CONTACT MET DE HUID: met veel water en zeep wassen.  
P305+P351+P338 BIJ CONTACT MET DE OGEN: voorzichtig afspoelen met water gedurende  
een aantal minuten; contactlenzen verwijderen, indien mogelijk; blijven spoelen.  
P331 GEEN braken opwekken.  
P332+P313 Bij huidirritatie: een arts raadplegen.  
P361 Verontreinigde kleding onmiddellijk uittrekken.  
P391 Gelekte/gemorste stof opruimen.

### Gevaarlijke bestanddelen die op het etiket vermeld moeten worden:

3-carene  
caryophelene crude  
a-cedrene  
citral  
3,7-dimethyl-6-octen-1-ol (dl-citronellol)  
3,7-dimethyl-6-octen-1-yl formate  
citronellyl tiglate  
phenol, 4allyl-2-methoxy  
trans-3,7-dimethyl-2,6-octadien-1-ol (geraniol)  
3,7-dimethyl-2,6-octadien-1-ylisobutyrate  
3,7-dimethyl-2,6-octadien-1-yl-acetate  
geranyl formate  
3,7-dimethyl-2,6-octadien-1-yl n-propionate  
menthone  
limonene  
linalool  
tr-menthone  
1,6-octadiene,7-methyl-3-methylene-  
2,6-octadien-1-ol, 3,7-dimethyl  
ocimene (natural constituent)  
alpha-pinene  
l-beta-pinene  
etrahydro-4-methyl-2-(2-methylpropen-1-yl)pyran  
1-methyl-4-(1-methylethyl)-1,4-cyclo-  
paramenthen-1-ol-8

### 2.3 Andere gevaren

Deze stof/dit mengsel bevat geen componenten die men kan beschouwen als persistent, bioaccumulerend en toxisch (PBT), of zeer persistent en zeer bioaccumulerend (vPvB) op niveaus van 0,1% of hoger.

Ecologische informatie: Deze stof/dit mengsel bevat geen componenten waarvan wordt aangenomen dat ze hormoonontregelende eigenschappen hebben, volgens REACH artikel 57(f) of de gedelegeerde verordening van de Commissie (EU) 2017/2100 of de verordening van de Commissie (EU) 2018/605 op niveaus van 0,1% of hoger.

Product	<b>YZS-0704*</b>	<b>GEUROLIE GERANIUM</b>
Versie	11.0	Herzieningsdatum 01-02-2024
		Printdatum 15-11-2024

Toxicologische informatie: Deze stof/dit mengsel bevat geen componenten waarvan wordt aangenomen dat ze hormoonontregelende eigenschappen hebben, volgens REACH artikel 57(f) of de gedelegeerde verordening van de Commissie (EU) 2017/2100 of de verordening van de Commissie (EU) 2018/605 op niveaus van 0,1% of hoger.

**3. Samenstelling en informatie over de bestanddelen**

**3.2 Mengsels**

Gevaarlijke bestanddelen

<u>Chemische naam</u>	<u>CAS-Nr.</u> <u>REACH nr.</u>	<u>Indeling (VERORDENING (EG) Nr. 1272/2008)</u>	<u>Concentratie [%]</u>
3-carene	13466-78-9  01-2119520252-55-xxxx	H226Flammable liquids (FL)Category 3 H304Aspiration hazard (AH)Category 1 H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H332Acute toxicity, inhalation (ATI)Category 4 H411Hazardous to the aquatic environment, long-term hazard (EH C) Category 2	0.1 - 1%
		Acute toxicity estimate Acute oral toxicity 4800 mg/kg	
caryophelene crude	87-44-5  01-2120745237-53-xxxx	H304Aspiration hazard (AH)Category 1 H317Sensitization, skin (SS 1 / 1B)Category 1	0.1 - 1%
a-cedrene	469-61-4	H304Aspiration hazard (AH)Category 1 H315Skin corrosion/irritation (SCI)Category 2 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H410Hazardous to the aquatic environment, long-term hazard (EH C) Category 1	0.1 - 1%
		M Factor Acute 10; Chronic 10	
citral	5392-40-5  01-2119462829-23-xxxx	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H319Serious eye damage/eye irritation (EDI)Category 2A	0.1 - 1%
		Acute toxicity estimate Acute oral toxicity 6800 mg/kg	

Product	YZS-0704*	GEUROLIE GERANIUM	
Versie	11.0	Herzieningsdatum	01-02-2024
		Printdatum	15-11-2024
3,7-dimethyl-6-octen-1-ol (dl-citronellol)	106-22-9	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H319Serious eye damage/eye irritation (EDI)Category 2A	1 - 5%
	01-2119453995-23-xxxx		
Acute toxicity estimate			
		Acute oral toxicity 3450 mg/kg	
		Acute dermal toxicity 2650 mg/kg	
3,7-dimethyl-6-octen-1-yl formate	105-85-1	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1	1 - 5%
	01-2120132106-71-xxxx		
citronellyl tiglate	24717-85-9	H317Sensitization, skin (SS 1 / 1B)Category 1 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H410Hazardous to the aquatic environment, long-term hazard (EH C)Category 1	0.1 - 1%
	01-2120629114-64-xxxx		
		M Factor	Acute 10
phenol, 4allyl-2-methoxy	97-53-0	H317Sensitization, skin (SS 1 / 1B)Category 1 H319Serious eye damage/eye irritation (EDI)Category 2A	1 - 5%
	01-2119971802-33-xxxx		
Acute toxicity estimate			
		Acute oral toxicity 2500 mg/kg	
trans-3,7-dimethyl-2,6-octadien-1-ol (geraniol)	106-24-1	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H318Serious eye damage/eye irritation (EDI)1	1 - 5%
	01-2119552430-49-xxxx		
Acute toxicity estimate			
		Acute oral toxicity 3600 mg/kg	
3,7-dimethyl-2,6-octadien-1-ylisobutyrate	2345-26-8	H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H410Hazardous to the aquatic environment, long-term hazard (EH C)Category 1	0.1 - 1%
	01-2120296468-38-xxxx		
		M Factor	Acute 1; Chronic 1

Product	YZS-0704*	GEUROLIE GERANIUM	
Versie	11.0	Herzieningsdatum	01-02-2024
		Printdatum	15-11-2024
3,7-dimethyl-2,6-octadien-1-yl-acetate	105-87-3  01-2119973480-35-xxxx	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H412Hazardous to the aquatic environment, long-term hazard (EH C) Category 3	0.1 - 1%
		Acute toxicity estimate Acute oral toxicity	6330 mg/kg
geranyl formate	105-86-2  01-2120740956-44-xxxx	H317Sensitization, skin (SS 1 / 1B)Category 1 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H411Hazardous to the aquatic environment, long-term hazard (EH C) Category 2	1 - 5%
		M Factor	Acute 1
3,7-dimethyl-2,6-octadien-1-yl n-propionate	105-90-8  01-2120756301-63-xxxx	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H411Hazardous to the aquatic environment, long-term hazard (EH C) Category 2	0.1 - 1%
menthone	10458-14-7  01-2119983786-15-xxxx	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H332Acute toxicity, inhalation (ATI)Category 4	1 - 5%
		Acute toxicity estimate Acute oral toxicity	2219 mg/kg
limonene	5989-27-5  01-2119529223-47-xxxx	H226Flammable liquids (FL)Category 3 H304Aspiration hazard (AH)Category 1 H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H412Hazardous to the aquatic environment, long-term hazard (EH C) Category 3	5 - 10%
		M Factor	Acute 1
		Acute toxicity estimate Acute oral toxicity	2000 mg/kg
linalool	78-70-6  01-2119474016-42-xxxx	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H319Serious eye damage/eye irritation (EDI)Category 2A	1 - 5%
		Acute toxicity estimate Acute oral toxicity	2790 mg/kg

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Versie	11.0	Herzieningsdatum	01-02-2024
		Printdatum	15-11-2024
tr-menthone	89-80-5	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H332Acute toxicity, inhalation (ATI)Category 4	0.1 - 1%
	01-2120741994-43-xxxx		
		Acute toxicity estimate Acute oral toxicity	2219 mg/kg
1,6-octadiene,7-methyl-3-methylene-	123-35-3	H226Flammable liquids (FL)Category 3 H304Aspiration hazard (AH)Category 1 H315Skin corrosion/irritation (SCI)Category 2 H319Serious eye damage/eye irritation (EDI)Category 2A H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H411Hazardous to the aquatic environment, long-term hazard (EH C)Category 2	0.1 - 1%
	01-2119514321-56-xxxx		
		M Factor	Acute 1
2,6-octadien-1-ol, 3,7-dimethyl	106-25-2	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H319Serious eye damage/eye irritation (EDI)Category 2A	0.1 - 1%
	01-2119983244-33-xxxx		
		Acute toxicity estimate Acute oral toxicity	4500 mg/kg
ocimene (natural constituent)	13877-91-3	H226Flammable liquids (FL)Category 3 H304Aspiration hazard (AH)Category 1 H315Skin corrosion/irritation (SCI)Category 2 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H411Hazardous to the aquatic environment, long-term hazard (EH C)Category 2	0.1 - 1%
	01-2120739475-47-xxxx		
		M Factor	Acute 1
		Acute toxicity estimate Acute oral toxicity	5000 mg/kg
alpha-pinene	80-56-8	H226Flammable liquids (FL)Category 3 H302Acute toxicity, oral (ATO)Category 4 H304Aspiration hazard (AH)Category 1 H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H410Hazardous to the aquatic environment, long-term hazard (EH C)Category 1	0.1 - 1%
	01-2119519223-49-xxxx		
		M Factor	Acute 1; Chronic 1
		Acute toxicity estimate Acute oral toxicity	500 mg/kg
l-beta-pinene	18172-67-3	H226Flammable liquids (FL)Category 3 H304Aspiration hazard (AH)Category 1 H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H410Hazardous to the aquatic environment, long-term hazard (EH C)Category 1	0.1 - 1%
	01-2119519230-54-xxxx		
		M Factor	Acute 1; Chronic 1

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Versie	11.0	Herzieningsdatum	01-02-2024
		Printdatum	15-11-2024
etrahydro-4-methyl-2-(2-methylpropen-1-yl)pyran	16409-43-1  01-2119976300-42-xxxx	H315Skin corrosion/irritation (SCI)Category 2 H319Serious eye damage/eye irritation (EDI)Category 2A H361Reproductive toxicity (REP)2	0.1 - 1%
		Acute toxicity estimate Acute oral toxicity	4300 mg/kg
1-methyl-4-(1-methylethyl)-1,4-cyclo-	99-85-4  01-2120780478-40-xxxx	H226Flammable liquids (FL)Category 3 H304Aspiration hazard (AH)Category 1 H361Reproductive toxicity (REP)2 H411Hazardous to the aquatic environment, long-term hazard (EH C)Category 2	0.1 - 1%
		Acute toxicity estimate Acute oral toxicity	3650 mg/kg
paramenthen-1-ol-8	8000-41-7  01-2119553062-49-xxxx	H315Skin corrosion/irritation (SCI)Category 2 H319Serious eye damage/eye irritation (EDI)Category 2A	1 - 5%
		Acute toxicity estimate Acute oral toxicity	4300 mg/kg
2-mentha-1,4(8)-diene	586-62-9  01-2119982325-32-xxxx	H304Aspiration hazard (AH)Category 1 H317Sensitization, skin (SS 1 / 1B)Category 1 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H410Hazardous to the aquatic environment, long-term hazard (EH C)Category 1	0.1 - 1%
		M Factor Acute toxicity estimate Acute oral toxicity	Acute 1; Chronic 1  3775 mg/kg

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Versie	11.0	Herzieningsdatum 01-02-2024
		Printdatum 15-11-2024

Voor de volledige text van H-zinnen zoals vermeld in deze paragraaf, zie paragraaf 16.

#### 4. Eerstehulpmaatregelen

##### 4.1 Beschrijving van de eerstehulpmaatregelen

Algemeen advies	Buiten de gevaarlijke zone brengen. Dit veiligheidsinformatieblad aan de dienstdoende arts tonen. Het slachtoffer niet alleen laten.
Bij inademing	Bij bewusteloosheid stabiele zijligging toepassen en medische hulp inroepen. Indien symptomen aanhouden, een arts raadplegen.
Bij aanraking met huid	Bij aanraking met de huid, goed afspoelen met water.
Bij aanraking met ogen	Oog/ogen onmiddellijk met veel water spoelen. Contactlenzen uithemen. Onbeschadigd oog beschermen. Tijdens spoelen ogen goed open houden. Indien oogirritatie aanhoudt een specialist raadplegen.
Bij inslikken	Ademhalingswegen vrijhouden. Geen melk of alcoholische dranken geven. Nooit een bewusteloos persoon laten drinken (of eten). Patient onmiddellijk naar een ziekenhuis brengen.

##### 4.2 Belangrijkste acute en uitgestelde symptomen en effecten

Verschijselen	geen gegevens beschikbaar
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#### 5. Brandbestrijdingsmaatregelen

##### 5.1 Blusmiddelen

Geschikte blusmiddelen	Gebruik blusmiddelen die geschikt zijn voor de plaatselijke omstandigheden en de omgeving.
Ongeschikte blusmiddelen	Sterke waterstraal

##### 5.2 Speciale gevaren die door de stof of het mengsel worden veroorzaakt

Specifieke gevaren bij brandbestrijding	Voorkom wegvloeien van bluswater in riool of waterloop.
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##### 5.3 Advies voor brandweelieden

Speciale beschermende uitrusting voor brandweelieden	Draag indien nodig een persluchtmasker bij brandbestrijding.
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Nadere informatie	Verontreinigd bluswater gescheiden opnemen. Het mag niet naar de riolering aflopen. Verbrandingsresten en verontreinigd bluswater moeten verwijderd worden volgens plaatselijke regelgeving.
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#### 6. Maatregelen bij het accidenteel vrijkomen van de stof of het mengsel

##### 6.1 Persoonlijke voorzorgsmaatregelen, beschermde uitrusting en noodprocedures

Persoonlijke voorzorgsmaatregelen	Persoonlijke beschermingsmiddelen gebruiken.
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##### 6.2 Milieuvorzorgsmaatregelen

Milieuvorzorgsmaatregelen	Voorkom dat product in riolering komt. Voorkom verder lekken en morsen indien dit veilig is. Als het product rivieren, meren of riolen vervuult de respectievelijke autoriteiten op de hoogte stellen.
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##### 6.3 Insluitings- en reinigingsmethoden en -materiaal

Reinigingsmethoden	Opnemen in inert absorberend materiaal (b.v. zand, kiezelgur, zuurbindingsmiddel, universeel bindingsmiddel, zaagsel). In geschikte en gesloten containers bewaren voor verwijdering.
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##### 6.4 Verwijzing naar andere rubrieken

niet van toepassing

#### 7. Hantering en opslag



Product	<b>YZS-0704*</b>	<b>GEUROLIE GERANIUM</b>
Versie	11.0	Herzieningsdatum 01-02-2024
		Printdatum 15-11-2024

### 7.1 Voorzorgsmaatregelen voor het veilig hanteren van de stof of het mengsel

Advies voor veilige hantering	Blootstelling vermijden - voor gebruik speciale aanwijzingen raadplegen. Aanraking met de ogen en de huid vermijden. Voor persoonlijke bescherming zie paragraaf 8. Niet roken, eten en drinken op de werkplek. Spoelwater afvoeren volgens plaatselijke en nationale regelgeving.
Advies voor bescherming tegen brand en explosie	Normale maatregelen voor preventieve brandbeveiliging.
Temperatuurklasse	geen gegevens beschikbaar
Brandbestrijdingsklasse	geen gegevens beschikbaar
Stofexplosieklasse	geen gegevens beschikbaar

### 7.2 Voorwaarden voor een veilige opslag, met inbegrip van incompatibele producten

Eisen aan opslagruimten en containers	Container goed afgesloten bewaren op een droge en goed geventileerde plaats. Geopende containers zorgvuldig sluiten en rechtop bewaren om lekkage te voorkomen. Elektrische installaties/werkmaterialen moeten voldoen aan de technische veiligheidsnormen.
Nadere gegevens over de opslagomstandigheden	geen gegevens beschikbaar
Advies voor gemengde opslag	geen gegevens beschikbaar
Duitse opslagclassificatie	geen gegevens beschikbaar
Andere gegevens	Geen ontleding indien bewaard en toegepast zoals aangegeven.

### 7.3 Specifiek eindgebruik

Specifiek gebruik	geen gegevens beschikbaar
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## 8. Maatregelen ter beheersing van blootstelling/persoonlijke bescherming

### 8.1 Controleparameters

#### LIMONENE

Workingprogram : Werkprogramma Overname buitenlandse Limits (dossier 11) Limits : 110 milligram per kubieke meter Publication : 38975

Workingprogram : Limits Duitsland-AGS Limits : 20 parts per million Publication : TRGS 900

Workingprogram : Limits Zwitserland Limits : 20 parts per million Publication : SuvaPro Grenzwerte am Arbeitsplatz 2009

Workingprogram : Limits Noorwegen 2010 Limits : 25 parts per million Publication : Administrative normer for forurensning i arbeidsatmosfaere; 13.

uitgave november 2009; Arbeidstilsynet

Workingprogram : Limits Noorwegen 2010 Limits : 25 parts per million Publication : Administrative normer for forurensning i arbeidsatmosfaere; 13.

uitgave november 2009; Arbeidstilsynet

Workingprogram : Limits Finland 2007 Limits : 25 parts per million Publication : Julkaisuja 2004:4

#### PARA CYMENE

Workingprogram : Limits Denemarken 2007 Limits : 25 parts per million Publication : Arbejdstilsynet; Grænseværdier for stoffer og materialer, augustus 2007 (publicatie C.0.1)

Workingprogram : Limits Zweden 2005 Limits : 25 parts per million Publication : AFS 2005:17

#### PINENE ALPHA

Workingprogram : Limits België 2009 Limits : 20 parts per million Publication : Belgisch Staatsblad 19 mei 2009; N. 2009- -2065

Workingprogram : Limits Zweden 2005 Limits : 25 parts per million Publication : AFS 2005:17

Workingprogram : Limits Noorwegen 2010 Limits : 25 parts per million Publication : Administrative normer for forurensning i arbeidsatmosfaere; 13. utgave

november 2009; Arbeidstilsynet

#### PINENE BETA

Workingprogram : Limits België 2009 Limits : 20 parts per million Publication : Belgisch Staatsblad 19 mei 2009; N. 2009- -2065

Workingprogram : Limits Noorwegen 2010 Limits : 25 parts per million Publication : Administrative normer for forurensning i arbeidsatmosfaere; 13. utgave

november 2009; Arbeidstilsynet

Workingprogram : Limits Zweden 2005 Limits : 25 parts per million Publication : AFS 2005:17

### 8.2 Maatregelen ter beheersing van blootstelling

Product	<b>YZS-0704*</b>	<b>GEUROLIE GERANIUM</b>
Versie	11.0	Herzieningsdatum 01-02-2024
		Printdatum 15-11-2024

**Persoonlijke beschermingsmiddelen**

Bescherming van de handen	Veiligheidshandschoenen gebruiken. De handschoenen moeten voldoen aan norm EN 374-1/2/3. Geschikt materiaal: Nitril Doorbraaktijd (maximale draagtijd): >30 min. Dikte van het materiaal: 0.13 mm
Bescherming van de ogen	Oogspoelfles met zuiver water Nauw aansluitende, goedgekeurde veiligheidsstofbril met zijkapjes te voldoen aan norm EN166. Een gelaatsscherm en beschermend pak dragen bij uitzonderlijke verwerkingsproblemen.
Huid- en lichaamsbescherming	ondoordringbare kleding Kies beschermingskleding aan de hand van de hoeveelheid en concentratie van de gevaarlijke stof op de werkplek.
Hygiënische maatregelen	Niet eten of drinken tijdens gebruik. Niet roken tijdens gebruik. Handen wassen voor elke werkonderbreking en aan het einde van de werkdag.
Beheersing van milieublootstelling	
Algemeen advies	Voorkom dat product in riolering komt. Voorkom verder lekken en morsen indien dit veilig is. Als het product rivieren, meren of riolen vervuult de respectievelijke autoriteiten op de hoogte stellen.

**9. Fysische en chemische eigenschappen**

**9.1 Informatie over fysische en chemische basiseigenschappen**

Fysische toestand	vloeistof
Vorm	vloeistof
Kleur	yellow
Geur	karacteristiek
Geurdrempelwaarde	niet van toepassing
Vlampunt °C (closed cup)	91°C
Onderste explosiegrens	niet bepaald
Bovenste explosiegrens	niet bepaald
Ontvlambaarheid (vast, gas)	niet van toepassing
Oxiderende eigenschappen	geen gegevens beschikbaar
Zelfontbrandingstemperatuur	niet bepaald
Ontledingstemperatuur	geen gegevens beschikbaar
pH	niet bepaald
Smeltpunt	niet bepaald
Kookpunt	niet bepaald
Dampspanning	niet bepaald
Dichtheid	0,908
Bulk soortelijk gewicht	niet van toepassing
Oplosbaarheid in water	niet bepaald
Oplosbaarheid	bijna onoplosbaar
Viscositeit, kinematisch	geen gegevens beschikbaar
Relatieve dampdichtheid	geen gegevens beschikbaar
Verdampingssnelheid	geen gegevens beschikbaar
Ontploffingseigenschappen	geen gegevens beschikbaar

**9.2 Overige informatie** niet van toepassing

**10. Stabiliteit en reactiviteit**

**10.1 Reactiviteit** geen

**10.2 Chemische stabiliteit** Het product is chemisch stabiel.

**10.3 Mogelijke gevaarlijke reacties**

Gevaarlijke reacties Geen ontleding indien bewaard en toegepast zoals aangegeven.

**10.4 Te vermijden omstandigheden**

Te vermijden omstandigheden geen gegevens beschikbaar

**10.5 Chemisch op elkaar inwerkende materialen**

Te vermijden materialen geen gegevens beschikbaar

**10.6 Gevaarlijke ontledingsproducten**

Gevaarlijke ontledingsproducten geen gegevens beschikbaar  
Thermische ontleding geen gegevens beschikbaar

Product	<b>YZS-0704*</b>	<b>GEUROLIE GERANIUM</b>
Versie	11.0	Herzieningsdatum 01-02-2024
		Printdatum 15-11-2024

## 11. Toxicologische informatie

### 11.1 Informatie over gevarenklassen als omschreven in Verordening (EG) nr. 1272/2008

<b>Acute orale toxiciteit</b> Methode	Acute toxiciteitsschattingen Dosis mg/kg : 2342 Calculatiemethode	
<b>Acute toxiciteit inademing</b> Methode	Acute toxiciteitsschattingen Dosis mg/ltr: Calculatiemethode	Over het product zelf zijn geen gegevens beschikbaar.
<b>Acute dermale toxiciteit</b> Methode	Acute toxiciteitsschattingen Dosis mg/kg : 2649 Calculatiemethode	
<b>Acute toxiciteit</b> (andere wijze van toediening)	Over het product zelf zijn geen gegevens beschikbaar.	
<b>Huidcorrosie/-irritatie</b> Huidirritatie	Over het product zelf zijn geen gegevens beschikbaar.	
<b>Ernstig oogletsel/oogirritatie</b> Oogirritatie	Over het product zelf zijn geen gegevens beschikbaar.	
<b>Sensibilisatie van de luchtwegen/de huid</b> Sensibilisatie	Over het product zelf zijn geen gegevens beschikbaar.	
<b>Mutageniteit in geslachtscellen</b> Mutageniteit ingeslachtscellen	Over het product zelf zijn geen gegevens beschikbaar.	
<b>Kankerverwekkendheid</b> Kankerverwekkendheid	Over het product zelf zijn geen gegevens beschikbaar.	
<b>Giftigheid voor de voortplanting</b> Giftigheid voor de voortplanting	Over het product zelf zijn geen gegevens beschikbaar.	
<b>Doelorgaan systemisch toxicum - Enkelvoudige blootstelling</b> Doelorgaan systemisch toxicum - Enkelvoudige blootstelling	Over het product zelf zijn geen gegevens beschikbaar.	
<b>Doelorgaan systemisch toxicum - Herhaalde blootstelling</b> Doelorgaan systemisch toxicum - Herhaalde blootstelling	Over het product zelf zijn geen gegevens beschikbaar.	
<b>Doelorgaan systemisch toxicum - Herhaalde blootstelling</b> Gevaar bij inademing	Over het product zelf zijn geen gegevens beschikbaar.	
<b>Foto-toxiciteit</b> Foto-toxiciteit	Over het product zelf zijn geen gegevens beschikbaar.	

### 11.2 Informatie over andere gevaren

#### Hormoonontregelende eigenschappen Beoordeling

Deze stof/dit mengsel bevat geen componenten waarvan wordt aangenomen dat ze hormoonontregelende eigenschappen hebben, volgens REACH artikel 57(f) of de gedelegeerde verordening van de Commissie (EU) 2017/2100 of de verordening van de Commissie (EU) 2018/605 op niveaus van 0,1% of hoger.

**Overige informatie** geen gegevens beschikbaar

## 12. Ecologische informatie

### 12.1 Toxiciteit

Toxiciteit voor vissen	geen gegevens beschikbaar
Toxiciteit voor dafnia's en andere ongewervelde waterdieren.	geen gegevens beschikbaar
Toxiciteit voor algen	geen gegevens beschikbaar

### 12.2 Persistentie en afbreekbaarheid

Biologische afbreekbaarheid	
Biodegradability BO (Biodegradable Organics) %	92,8

Product	<b>YZS-0704*</b>	<b>GEUROLIE GERANIUM</b>
Versie	11.0	Herzieningsdatum 01-02-2024
		Printdatum 15-11-2024

### 12.3 Bioaccumulatie

Bioaccumulatie geen gegevens beschikbaar

### 12.4 Mobiliteit in de bodem

Mobiliteit geen gegevens beschikbaar

Distributie in en tussen milieuc compartimenten  
geen gegevens beschikbaar

#### Aanvullend advies

##### Afbraak en verspreiding in het milieu

geen gegevens beschikbaar

##### Fysisch-chemische verwijderbaarheid

geen gegevens beschikbaar

### 12.5 Resultaten van PBT- en zPzB-beoordeling

#### Beoordeling

Deze stof/dit mengsel bevat geen componenten die men kan beschouwen als persistent, bioaccumulerend en toxisch (PBT), of zeer persistent en zeer bioaccumulerend (vPvB) op niveaus van 0,1% of hoger.

### 12.6 Hormoonontregelende eigenschappen

#### Beoordeling

Deze stof/dit mengsel bevat geen componenten waarvan wordt aangenomen dat ze hormoonontregelende eigenschappen hebben, volgens REACH artikel 57(f) of de gedelegeerde verordening van de Commissie (EU) 2017/2100 of de verordening van de Commissie (EU) 2018/605 op niveaus van 0,1% of hoger.

### 12.7 Andere schadelijke effecten

Biochemisch zuurstofverbruik (BZV)  
geen gegevens beschikbaar

Opgeloste organisch koolstof(DOC)  
geen gegevens beschikbaar

Chemisch zuurstofverbruik(CZV)  
geen gegevens beschikbaar

Geabsorbeerde organisch gebonden halogenen (AOX)  
geen gegevens beschikbaar

#### Aanvullende ecologische informatie

Bij onvakkundige omgang of verwijdering van deze stof bestaat gevaar voor schade aan het milieu.

## 13. Instructies voor verwijdering

### 13.1 Afvalverwerkingsmethoden

Product Het product mag niet wegvloeien in riool, waterstroom of bodem.  
Verontreinig vijvers, waterwegen en sloten niet met chemische stof of gebruikte verpakking.  
Overbrengen naar vergunninghoudend verwijderingsbedrijf.

Verontreinigde verpakking Achtergebleven restant verwijderen.

Verwijderen als ongebruikt product  
Lege containers niet hergebruiken. Opruimen volgens lokale regels.

## 14. Informatie met betrekking tot het vervoer

### ADR/RID/ADN

VNnummer UN3082 (Milieugevaarlijke vloeistof N.E.G.)

Omschrijving van de goederen ( geranyl formate & l-beta-pinene )

Transportgevaarklasse(n) en Verpakkingsgroep 9 PG III

Milieugevaarlijk ja

Extra informatie Bijzondere bepaling 375: dit product is niet onderworpen aan de overige

Product	<b>YZS-0704*</b>	<b>GEUROLIE GERANIUM</b>
Versie	11.0	Herzieningsdatum 01-02-2024
		Printdatum 15-11-2024

bepalingen van het ADR mits het wordt vervoerd in groottes van ≤5L of ≤5kg, op voorwaarde dat de verpakkingen voldoen aan de algemene bepalingen van 4.1.1.1, 4.1.1.2 en 4.1.1.4 tot 4.1.1.8.

#### IATA/ICAO

VNnummer	UN3082 (Milieugevaarlijke vloeistof N.E.G.)
Omschrijving van de goederen	( geranyl formate & l-beta-pinene )
Transportgevarenklasse(n) en Verpakkingsgroep	9 PG III
Milieugevaarlijk	ja
Extra informatie	Bijzondere bepaling A197: dit product is niet onderworpen aan de overige bepalingen van IATA mits het wordt vervoerd in groottes van ≤5L of ≤5kg, op voorwaarde dat de verpakkingen voldoen aan de algemene bepalingen van 5.0.2.4.1, 5.0.2.6.1.1 en 5.0.2.8.

#### IMDG

VNnummer	UN3082 (Milieugevaarlijke vloeistof N.E.G.)
Omschrijving van de goederen	( geranyl formate & l-beta-pinene )
Transportgevarenklasse(n) en Verpakkingsgroep	9 PG III
Marine verontreiniging	ja
Extra informatie	IMDG 2.10.2.7: dit product is niet onderworpen aan de overige bepalingen van het IMDG mits het wordt vervoerd in groottes van ≤5L of ≤5kg, op voorwaarde dat de verpakkingen voldoen aan de algemene bepalingen van 4.1.1.1, 4.1.1.2 en 4.1.1.4 tot 4.1.1.8.

## 15. Regelgeving

### 15.1 Specifieke veiligheids-, gezondheids- en milieureglementen en -wetgeving voor de stof of het mengsel

ABM Cat	Water hazard class NL (ABM) Cat A2
WGK	WGK3

**15.2 Chemischeveiligheidsbeoordeling** Een chemische veiligheidsbeoordeling is niet nodig voor deze stof

## 16. Overige informatie

**Volledige tekst van H-zinnen waarnaar in rubrieken 2 en 3 wordt verwezen**

- H226 Ontvlambare vloeistof en damp.
- H332 Schadelijk bij inademing.
- H302 Schadelijk bij inslikken.
- H304 Kan dodelijk zijn als de stof bij inslikken in de luchtwegen terechtkomt.
- H315 Veroorzaakt huidirritatie.
- H317 Kan een allergische huidreactie veroorzaken.
- H318 Veroorzaakt ernstig oogletsel.
- H319 Veroorzaakt ernstige oogirritatie.
- H361 Kan mogelijks de vruchtbaarheid of het ongeboren kind schaden .
- H400 Zeer giftig voor in het water levende organismen.
- H410 Zeer giftig voor in het water levende organismen, met langdurige gevolgen.
- H411 Giftig voor in het water levende organismen, met langdurige gevolgen.
- H412 Schadelijk voor in het water levende organismen, met langdurige gevolgen.

De informatie in dit Veiligheidsinformatieblad is naar ons beste weten correct en in overeenstemming met de algemene wetenschappelijke- en technische kennis ten tijde van uitgifte. Gildewerk B.V. kan echter geen aansprakelijkheid accepteren voor een verlies, schade of letsel resulterend uit het gebruik.

Bij het samenstellen van dit veiligheidsblad hebben wij alle geeigende toepassingen van het produkt die ons bekend zijn in aanmerking genomen. Iedere gebruiker van dit produkt dient ons bij elke nieuwe of ongebruikelijke toepassing te raadplegen. Wij maken u er op attent dat iedere tussenpersoon / leverancier verantwoordelijk is dat dit veiligheidsblad aan de eindgebruiker wordt doorgegeven.

Indien de eindgebruiker het gewenst acht dat dit Veiligheidsinformatieblad rechtstreeks aan hem of haar wordt toegezonden, zullen wij, indien wij hieromtrent worden geïnformeerd, dit verzorgen.

Fragrance ingredients restricted as potential allergens in the extended list amending ANNEX III of  
EUROPEAN COSMETIC REGULATION (EC) No1223/2009

Page 1 Printdate 15-11-2024

Product **YZS-0704\*** **GEUROLIE GERANIUM**

<u>Ingredient Name (INCI)</u>	<u>CAS-Nr</u>	<u>Concentration [%]</u>
3-propylidenephthalide	17369-59-4	--
6-methyl coumarin	92-48-8	--
acetyl cedrene	32388-55-9	--
alpha-isomethyl ionone	127-51-5	--
alpha-terpinene	99-86-5	--
amyl cinnamal	122-40-7	--
amyl salicylate	2050-08-0	--
amylcinnamyl alcohol	101-85-9	--
anethole	104-46-1/ 4180-23-8	--
anise alcohol	105-13-5	--
benzaldehyde	100-52-7	--
benzyl alcohol	100-51-6	--
benzyl benzoate	120-51-4	--
benzyl cinnamate	103-41-3	--
benzyl salicylate	118-58-1	--
beta-caryophyllene	87-44-5	0,474
camphor	76-22-2/ 21368-68-3/ 464-49-3/ 464-48-2	--
cananga odorata oil/extract	83863-30-3/ 8006-81-3/ 68606-83-7/ 93686-30-7	--
carvone	99-49-0/ 6485-40-1/ 2244-16-8	0,005
cedrus atlantica oil/extract	92201-55-3/ 8023-85-6	--
cinnamal	104-55-2	--
cinnamomum cassia leaf oil	8007-80-5/ 84961-46-6	--
cinnamomum zeylanicum bark oil	8015-91-6/ 84649-98-9	--
cinnamyl alcohol	104-54-1	--
citral	5392-40-5/ 141-27-5/ 106-26-3	0,126
citronellol	106-22-9/ 26489-01-0/ 1117-61-9/ 7540-51-4	4,220
citrus aurantium bergamia peel oil	8007-75-8/ 89957-91-5/ 68648-33-9/ 85049-52-1	--
citrus aurantium flower oil	72968-50-4/ 8028-48-6/ 8016-38-4	--
citrus aurantium peel oil	68916-04-1/ 72968-50-4/ 97766-30-8/ 8028-48-6/ 8008-57-9	--
citrus limon peel oil	84929-31-7/ 8008-56-8	--
coumarin	91-64-5	--
dimethyl phenethyl acetate	151-05-3	--

Fragrance ingredients restricted as potential allergens in the extended list amending ANNEX III of  
EUROPEAN COSMETIC REGULATION (EC) No1223/2009

Page 2 Printdate 15-11-2024

Product **YZS-0704\*** **GEUROLIE GERANIUM**

<u>Ingredient Name (INCI)</u>	<u>CAS-Nr</u>	<u>Concentration [%]</u>
eucalyptus globulus oil	97926-40-4/ 8000-48-4	--
eugenia caryophyllus oil	8000-34-8/ 8015-97-2/ 84961-50-2	3,000
eugenol	97-53-0	2,559
eugenyl acetate	93-28-7	--
evernia furfuracea extr	90028-67-4	--
evernia prunastri extract	90028-68-5	--
farnesol	4602-84-0	--
geraniol	106-24-1	3,540
geranyl acetate	105-87-3	0,120
hexadecanolactone	109-29-5	--
hexamethylindanopyran	1222-05-5	--
hexyl cinnamal	101-86-0	--
hydroxycitronellal	107-75-5	--
isoeugenol	97-54-1/ 5932-68-3/ 5912-86-7	--
isoeugenyl acetate	93-29-8/5912-87-8	--
jasmine oil/extract	84776-64-7/ 90045-94-6/ 8022-96-6/ 8024-43-9	--
juniperus virginiana oil	8000-27-9/ 85085-41-2	--
laurus nobilis leaf oil	8002-41-3/ 8007-48-5/ 84603-73-6	--
lavandula oil/ extract	91722-69-9/ 8022-15-9/ 93455-96-0/ 93455-97-1/ 92623-76-2/ 84776-65-8/ 8000-28-0/ 90063-37-9	--
lemongrass oil	8007-02-1/ 89998-16-3/ 91844-92-7	--
limonene	138-86-3/ 7705-14-8/ 5989-27-5/ 5989-54-8	9,013
linalool	78-70-6	2,065
linalyl acetate	115-95-7	--
lippia citriodora absolute	8024-12-2/ 85116-63-8	--
mentha piperita oil	8006-90-4/ 84082-70-2	--
mentha viridis leaf oil	8008-79-5/ 84696-51-5	--
menthol	89-78-1/ 1490-04-6/ 2216-51-5/ 15356-60-2	0,864
methyl 2-octynoate	111-12-6	--
methyl salicylate	119-36-8	0,003
myroxylon pereirae oil/extract	8007-00-9	--
narcissus extract	90064-26-9/ 68917-12-4/ 90064-27-0/ 90064-25-8	--
pelargonium graveolens flower oil	90082-51-2/ 8000-46-2	20,000

Fragrance ingredients restricted as potential allergens in the extended list amending ANNEX III of EUROPEAN COSMETIC REGULATION (EC) No1223/2009

Page 3 Printdate 15-11-2024

Product **YZS-0704\*** **GEUROLIE GERANIUM**

<u>Ingredient Name (INCI)</u>	<u>CAS-Nr</u>	<u>Concentration [%]</u>
pinene	80-56-8/ 7785-70-8/ 127-91-3/ 18172-67-3	1,590
pinus mugo	90082-72-7	5,000
pinus pumila	97676-05-6	--
pogostemon cablin oil	8014-09-3/ 84238-39-1	--
rose flower oil/extract	8007-01-0/ 90106-38-0/ 93334-48-6/ 84696-47-9/ 84604-12-6/ 84604-13-7/ 92347-25-6	--
rose ketones	43052-87-5/ 23726-94-5/ 24720-09-0/ 23696-85-7/ 57378-68-4/ 71048-82-3/ 23726-92-3/ 23726-91-2	--
salicylaldehyde	90-02-8	--
santalol	11031-45-1/ 115-71-9/ 77-42-9	--
santalum album oil	8006-87-9/ 84787-70-2	--
sclareol	515-03-7	--
terpineol	8000-41-7/ 98-55-5/ 138-87-4/ 586-81-2	1,700
terpinolene	586-62-9	0,795
tetramethylacetyloctahydronaphthalenes	54464-57-2/ 54464-59-4/ 68155-66-8/ 68155-67-9	--
trimethylbenzenepropanol	103694-68-4	--
trimethylcyclopentenylmethylisopenenol	67801-20-1	--
turpentine	9005-90-7/ 8006-64-2/ 8052-14-0	--
vanillin	121-33-5	--

On 27 July 2023, the EU Regulation extending the list of fragrance allergens to be labelled in cosmetic products was published in the Official Journal of the European Union.

The Regulation has updated Annex III of the Cosmetic products Regulation with 56 new fragrance ingredients for which the presence should be indicated on the label in case of being above the established thresholds for leave-on and rinse off products (0,001 and 0,01%).

The regulation enters into force on 16 August 2023, with a transition period of 3 years for new products and 5 years for existing products.

With kind regards,

**Gildewerk BV**  
**Regulatory Affairs & Product Safety, Fragrances**

generated electronically, No signature

This certificate is generated by calculation based on data for ingredients. The data in this document has been prepared by Gildewerk in accordance with Gildewerks internal protocols and procedures in order to evaluate characteristics and/or performance. Detection limit for calculation is ten ppm. The information contained herein is, to the best of Gildewerks knowledge, true and accurate at the time it is given. It is provided to Customer for its information and internal use only. Gildewerk is not liable for any damages that may result from the misuse of the data. It is Customer's responsibility to perform its own evaluations on the material evaluated herein, including with respect to end-use applications. Any Customer product, marketing or other claims are Customer's sole responsibility. A concentration represented by "0,000" corresponds to <10 ppm.



## STATEMENT

**Code** YZS-0704\*

**GEUROLIE GERANIUM**

15-11-2024

To whom it concerns

### Musk statement

product YZS-0704\* GEUROLIE GERANIUM contains the following ingredients:

- 0,00 % (Musk) Nitromusk
- 0,00 % (Musk) Polycyclic musk
- 0,00 % (Musk) Macrocyclic musk

### Vegan declaration

We have reviewed this product and declare that, to the best of our knowledge, it is suitable for the Vegan diet. Vegan products do not contain animal ingredients (mammalian, poultry, fish, shellfish, mollusk, insects) as well as ingredients derived from animal such as dairy, eggs and bee products or animal enzymes.

### GMO directly added

(Declaration Limit: 0,01%)

According to the formulation – this fragrance oil does not contain ingredients produced on the basis of genetically modified organisms.

### Animal Testing

We herewith confirm that our fragrances have not been the subject of animal testing by or on behalf of our company.

### BSE / TSE

(Declaration Limit: 0,01%)

Our fragrances are mixtures of natural (plant origin) and synthetic products. To the best of our knowledge it does not contain any ingredients which may be suspected of BSE / TSE.

### Heavy metals

Gildewerk does not use any heavy metal for direct addition into fragrances, bases and ingredients. Gildewerk does not undertake routine analysis on heavy metals and the potential presence of heavy metals in ingredient is of the order of magnitude of unavoidable traces. Based on our experience and to the best of our knowledge, the total quantity of heavy metals that may be present in this product are significantly below the limits defined in applicable regulations.

### Nanomaterials

We certify, to the best of our knowledge, that this product does not contain any ingredient defined as a nanomaterial according to the article 2 of Cosmetic Regulation 1223/2009.

“Nanomaterial” means an insoluble or biopersistent and intentionally manufactured material with one or more external dimensions, or an internal structure, on the scale from 1 to 100nm.

## STATEMENT

Code YZS-0704\*

**GEUROLIE GERANIUM**

15-11-2024

### Palm Oil (PO) / Palm Kernel Oil (PKO) statement

This product contains the following ingredients:

0,000 % Palm Oil (PO) or Palm Kernel Oil (PKO)

0,000 % Palm Kernel Oil Derivative

RSPO Certified

Gildewerk Certificate No. Supply

Chain Model

Certificate Start Date

Yes

CU-RSPO SCC-867028

Mass Balance

16 October 2019



### HICC (Lyral), atranol and chloratranol

Please note that Commission Regulation (EU) 2017/1410 of 2 August 2017 amending Annexes II and III to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products has been published in the Official Journal of August 3rd, 2017.

HICC, Atranol and chloratranol have been added to Annex II of the Cosmetic Products Regulation (list of substances prohibited in cosmetic products) with the entries 1380, 1381 and 1382:

- 3-(4-Hydroxy-4-methylpentyl) cyclohex-3-ene-1-carbaldehyde [CAS# 51414-25-6]
- 4-(4-Hydroxy-4-methylpentyl) cyclohex-3-ene-1-carbaldehyde [CAS# 31906-04-4]
- Atranol [CAS# 526-37-4]
- chloratranol [CAS# 57074-21-2]

Commission Regulation (EU) 2017/1410 also deletes the Annex III entry (79) for HICC with application from 23rd August 2021.

The presence of atranol and chloratranol, being natural components of oak tree moss and treemoss extracts<sup>1</sup>, is banned above technically unavoidable traces in good manufacturing practice. As purity requirements for both moss extracts have been established in IFRA Standards since 2009, all products on shelves should be compliant by the entry into force of this regulation.

The transitional periods are the following:

- From 23 August 2019, cosmetic products containing one or more of these substances shall not be placed on the European Union market.
- From 23 August 2021, cosmetic products containing one or more of these substances shall not be made available on the Union market.

0,000 % • HICC (Lyral)

0,000 % • Atranol [CAS# 526-37-4]

## STATEMENT

Code YZS-0704\*

**GEUROLIE GERANIUM**

15-11-2024

0,000 % • Chloratranol [CAS# 57074-21-2]

### BMHCA (Lilial) ban in cosmetics

The 15th ATP1 to the EU CLP2 regulation, COMMISSION DELEGATED REGULATION (EU) 2020/1182, has been published on August 11th, 2020, in the Official Journal and will apply from 1 March 2022. It lists BMHCA (Lilial) on Annex VI as toxic for Reproduction category 1B (Rep. 1B, H360Fd).

Subsequently, BMHCA (Lilial) will be banned for the use in cosmetic products in the EU. The EU Commission will include this substance in the CMR Omnibus Act IV for integration into Annex II (list of prohibited substances in cosmetics) of the EU Cosmetics Regulation.

This means that by 1 March 2022 the use of BMHCA (lilial) in cosmetic products (new and existing) will be banned in the EU. All products containing BMHCA (lilial) should be off the shelf by this date.

It is important to highlight that the above-mentioned regulatory events and activities are limited to the EU. The use of BMHCA in cosmetic products outside the EU remains unaffected.

### BMHCA (Lilial) restriction in household products (e.g. detergents, household and cleaning products, air-fresheners)

Please be informed that the ban of BMHCA also imposes a restriction to the placing on the market and use of BMHCA in household products for consumers and professional users.

The restriction, in practice, implies the following:

- BMHCA **cannot be placed on the market or used**, in products sold to the general public (consumers) **when its concentration is equal or above** the generic concentration limit specified in part 3 of Annex I of the EU CLP - i.e. **0.3%** (final product (mixture) is not classified as Rep 1B).
- BMHCA **may be placed on the market and used in products sold for professional use** above the classification concentration limit of **equal or above 0.3%** (product is classified as Rep 1B). In this case the packaging of such substances and mixtures has to be **marked** visibly, legibly and indelibly as **'Restricted to professional users'**.

This restriction applies to BMHCA as such, as constituent of other substances, or, in mixtures.

If the same applicability date as the EU CLP harmonized classification will be used, this would mean that from 1 March 2022 onward, consumer products containing 0.3% or more of BMHCA can no longer be sold in the EU.

0,000 % • BMHCA (Lilial)[CAS# 80-54-6]

### Karanal on the EU – REACH Authorization List

- Karanal [CAS# 117933-89-8] - No use (delisted from pallet 17th July, 2023)



## STATEMENT

**Code** YZS-0704\*

**GEUROLIE GERANIUM**

15-11-2024

We would like to inform you that, with the inclusion of Karanal (CAS 117933-89-8) on the EU REACH Authorization List, Gildewerk has defined a reformulation plan which consists of replacing Karanal with a combination of ingredients that will give the same olfactive character, performance and stability.

Gildewerk ensures that product safety and regulatory compliance are not impacted by the formula change. The materials used for the reformulation have been thoroughly reviewed and specifically selected based on their regulatory and safety profile so that the reformulation formula shows no negative impact on the final classification/safety of the formula or the allergen levels. Thus the modified formula is safe for consumer use and regulatory compliant.

The commercial name and code of the reformulated fragrance will not change.

The placing on the market and the use of Karanal (including the use in cosmetic products) will be prohibited from 27 August 2023 onwards. Fragrance batches produced after 27 August 2023 will be reformulated and free from Karanal.

This does not impact the use of Karanal in other regions outside of the EU. Customers outside of Europe may be impacted if their products are manufactured or marketed in Europe. If you have any questions, please contact your client support representative.

### REACH

We, Gildewerk B.V., declare, to the best of our knowledge, that we are in compliance with our obligations according to the REACH Regulation (EC) No. 1907/2006 and its modifications and updates for the substances contained in the fragrance compound(s)/ingredient(s) delivered to customer.

All substances supplied by Gildewerk B.V., as well as substances contained in our mixtures are either:

- Registered (Gildewerk B.V. act as a downstream user as defined by the REACH Regulation), or
- Exempted of Registration

Any substances out of scope e.g. exempted substances or substances below the threshold for registration under REACH (<1tpa) are allowed to be used in products without registration in the EU.

The above mentioned information is continuously checked by us and also demanded to our suppliers. We also continue to monitor the ongoing amendments of the Regulation and will update our compliance statement as appropriate.

**Biodegradability BO (Biodegradable Organics) % 92,8**

## STATEMENT

**Code** YZS-0704\*

**GEUROLIE GERANIUM**

15-11-2024

Please be aware that fragrance compounds are not tested for biodegradability. The biodegradability of a fragrance compound is assured based on data on the components and is assessed by summing the percentage (by weight) of ingredients which are biodegradable. The following criteria have been used to identify "biodegradable" fragrance ingredients used in above mentioned fragrance compound:

1. Biodegradable following internationally accepted OECD/ISO guideline studies accepted by authorities.
  - The tests include OECD 301 series, OECD 310, OECD 302 series and ISO 14593;
  - The pass criterion in these tests is 60-70% within 14 or 28 days (depending on the test and the endpoint measured);
  - If biodegradation has started but a plateau has not been reached, the test may be prolonged (typically up to 60 days).
2. Use of simple structural read-across from known biodegradable ingredients to structurally very close analogues that are therefore fully expected also to be biodegradable.
3. Natural complex substances (e.g. essential oils) are assessed based on either test data for the NCS itself or data for the constituents.

### **Publication of final Regulation of Methyl-N-methylantranilate in cosmetic products in Europe**

We would like to inform you that Commission Regulation (EU) 2022/135 has been published in the Official Journal of the European Union on January 31, 2022. It amends Regulation (EC) No 1223/2009 of the European Parliament and of the Council as regards the use of Methyl-N-methylantranilate in cosmetic products.

It sets maximum use levels of 0.1% in leave-on products and 0.2% in rinse-off products. Please note that the material should not be used in sunscreen products and products marketed for exposure to natural or artificial UV light.

From 21 August 2022 cosmetic products containing the substance and not complying with the restrictions shall no longer be placed on the EU market (i.e. new products). From 21 November 2022 the products shall not be made available (i.e. existing products) on the Union market.

**0,000 % Methyl-N-methylantranilate**

### **Benzophenone - Publication of the 18th ATP to the EU CLP Regulation**

We would like to inform you that the 18th ATP to the EU CLP regulation, (COMMISSION DELEGATED REGULATION (EU) 2022/692) was published on May 3rd, 2022 and will enter into force on the twentieth

## STATEMENT

**Code** YZS-0704\*

**GEUROLIE GERANIUM**

15-11-2024

day following that of its publication in the Official Journal of the European Union. The new/revised classifications shall apply as from 1 December 2023.

Please note that index number 606-153-00-5 corresponds to benzophenone (CAS No 119-61-9 / EINECS No 204-337-6) classified as Carcinogenic 1B (H350).

This means that this substance will be restricted in household products and air care products in the EU according to the REACH restriction entry number 28 (see REACH Annex XVII).

Regarding the use of benzophenone in cosmetics, it will be forbidden for this use on 1 December 2023 if no exemption request is submitted according to article 15.2 of the Cosmetics Regulation. This will happen through the publication of a CMR Omnibus to the EU Cosmetics Regulation.

**0,000 % Benzophenone**

### Natural Origin Content

Natural Origin Content according to ISO 16128:

**100,000 %**

### SCCS/1656/23 Preliminary Opinion

#### Benzyl Salicylate (CAS No. 118-58-1, EC No. 204-262-9)

Based on the data provided and assessed and taking under consideration the concerns related to potential endocrine disrupting properties, the SCCS considers Benzyl Salicylate safe when used up to the maximum concentrations provided in Table 1 of this Opinion.

Table 1: Maximum use concentrations of benzyl salicylate in cosmetic products

Type of cosmetic product exposure	Maximum % concentration used
Hydroalcoholic-based fragrances (spray and non-spray)	4
Rinse-off skin & hair products (except rinse off body products)	0.5
Rinse off body products	1.3
Leave on skin & hair products (non-spray/non-aerosol)(except body lotion)	0.5
Leave on hair products (spray/aerosol)	0.5



## STATEMENT

**Code** YZS-0704\*

**GEUROLIE GERANIUM**

15-11-2024

Leave on body products (non-spray/spray/aerosol)	0.7
Face make-up products and make-up remover	0.2
Oral care	0.004
Deodorant products (spray/aerosol)	0.91

**0,000 % Benzyl Salicylate**

### SCCS/1658/23 Preliminary version Opinion on Hexyl Salicylate (CAS/EC No. 6259-76-3/228-408-6)

Based on the assessment of data provided and taking into consideration the concerns related to potential endocrine disrupting properties, the SCCS considers Hexyl Salicylate safe when used up to the maximum concentrations as provided in Table 1 of this Opinion.

Table 1: Maximum concentrations of Hexyl Salicylate in cosmetic products as reported in the dossier submission.

Product type, Body parts	Maximum concentration
Hydroalcoholic-based fragrances	2
All Rinse-off products	0.5
All Leave on products	0.3
Oral care (toothpaste and mouthwash)	0.001

**0,000 % Hexyl Salicylate**

### Heliotropine (CAS: 120-57-0) – ECHA RAC adopted their Opinion on the harmonized classification and labelling (CLH) proposal as toxicity to reproduction Category 1B.

We would like to inform you that the ECHA RAC 69 plenary meeting of June 4, 2024 has adopted the Opinion to classify Heliotropine / piperonal; 1,3-benzodioxole-5-carbaldehyde (CAS: 120-57-0) as follows: skin sensitisation (Skin Sens. 1B; H317) and toxic to reproduction (Repr. 1B; H360FD).

We also remind you of the regulatory consequences under the EU Cosmetic Products Regulation (Regulation (EC) No 1223/2009), i.e., a ban if no exemption is granted, and under the EU REACH Regulation (Annex XVII), i.e., a restriction equal to or above the classification concentration limit of 0.3%, in relation to substances with harmonised classification and labelling as CMR 1B.



## STATEMENT

Code YZS-0704\*

**GEUROLIE GERANIUM**

15-11-2024

### Next steps in the regulatory process.

Heliotropine, piperonal, 1,3-benzodioxole-5-carbaldehyde (CAS: 120-57-0)

RAC 69 plenary		3-7 June 2024 (RAC adopted their opinion on 4 June 2024)
CARACAL discussion		2025
Publication in the OJ (ATP <sup>1</sup> ) (18 months transitional period)		2026
Application of the ATP (Ban in cosmetics and Restriction under REACH)		2028

**0,000 % Heliotropine**

With kind regards,

**Gildewerk BV**

**Regulatory Affairs & Product Safety, Fragrances**

generated electronically, No signature

This certificate is generated by calculation based on data for ingredients. The data in this document has been prepared by Gildewerk in accordance with Gildewerks internal protocols and procedures in order to evaluate characteristics and/or performance. Detection limit for calculation is ten ppm. The information contained herein is, to the best of Gildewerks knowledge, true and accurate at the time it is given. It is provided to Customer for its information and internal use only. Gildewerk is not liable for any damages that may result from the misuse of the data. It is Customer's responsibility to perform its own evaluations on the material evaluated herein, including with respect to end-use applications. Any Customer product, marketing or other claims are Customer's sole responsibility. A concentration represented by "0,000" corresponds to <10 ppm.



## IFRA CONFORMITY CERTIFICATE 51st Amendment

Code **YZS-0704\***

**GEUROLIE GERANIUM**

15-11-2024

We certify that the above compound is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA - 51st Amendment), provided it is used in the following classes at a maximum concentration level of

### IFRA 51 QRA Maximum concentration level

IFRA Cat 1 maximum concentration level of	%	Not applicable. Product is not foodgrade
IFRA Cat 2 maximum concentration level of	5,47 %	
IFRA Cat 3 maximum concentration level of	14,00 %	
IFRA Cat 4 maximum concentration level of	97,69 %	
IFRA Cat 5A maximum concentration level of	25,01 %	
IFRA Cat 5B maximum concentration level of	7,00 %	
IFRA Cat 5C maximum concentration level of	14,00 %	
IFRA Cat 5D maximum concentration level of	2,30 %	
IFRA Cat 6 maximum concentration level of	%	Not applicable. Product is not foodgrade
IFRA Cat 7A maximum concentration level of	14,00 %	
IFRA Cat 7B maximum concentration level of	14,00 %	
IFRA Cat 8 maximum concentration level of	2,30 %	
IFRA Cat 9 maximum concentration level of	56,67 %	
IFRA Cat 10A maximum concentration level of	20,67 %	
IFRA Cat 10B maximum concentration level of	70,00 %	
IFRA Cat 11A maximum concentration level of	2,30 %	
IFRA Cat 11B maximum concentration level of	2,30 %	
IFRA Cat 12 maximum concentration level of	100,00 %	

### Category & Product type

1. **Category n. 1:** *Leave on products generally applied to lips.*

Products in this Cat.: *Leave on products generally applied to lips.*

- Lip Products of all types (solid, liquid, clear or colored, etc.);
- Children's toys.

## IFRA CONFORMITY CERTIFICATE 51st Amendment

Code **YZS-0704\***

**GEUROLIE GERANIUM**

15-11-2024

**2. Category n. 2:** *Leave on products generally applied to axillae.*

Products in this Cat.: *Leave on products generally applied to axillae.*

- Deodorant and antiperspirant products of all types (spray, stick, roll-on, etc.);
- Body sprays (including body mist).

**3. Category n. 3:** *Products generally applied to the face using fingertips.*

Products in this Cat.: *Products generally applied to the face using fingertips.*

- Eye products of all types (eye shadow, mascara, eye-liner, make-up, etc.);
- Facial make up and foundation;
- Make-up remover for face and eyes;
- Nose pore strips;
- Wipes or refreshing tissues for face, neck, hands, body;
- Body and face paint (children and adults);
- Facial masks for face and around the eyes.

**4. Category n. 4:** *Fragrancing products generally applied to neck, face and wrists.*

Products in this Cat.: *Fragrancing products generally applied to neck, face and wrists.*

- Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (EDT, Parfum, Cologne, solid perfume, fragrancing cream, etc.), aftershaves of all types (except creams and balms);
- Fragranced bracelets;
- Ingredients of perfume kits and fragrance mixtures for cosmetic kits;
- Scent pads, foil packs;
- Scent strips for hydroalcoholic products.

**5. Category n. 5:** *Leave on products applied to the face and body using the hands (palms).*

• **Subcategory n. 5/A:**

Products in this Cat.: *Products applied to feet and body not belonging to other subcats.*

- Body creams, oils, lotions of all types;
- Foot care products (creams and powders);
- Insect repellent (intended to be applied to the skin);
- All powders and talc (excluding baby powders and talc).

• **Subcategory n. 5/B:**

Products in this Cat.: *Products in Cat. 5 applied to the face.*

- Facial toner;
- Facial moisturizers and creams (including care products for beard and mustache);

• **Subcategory n. 5/C:**

Products in this Cat.: *Products in Cat. 5 applied to the hands.*

- Hand cream;
- Nail care products including cuticle creams, nail lacquer remover, etc.;
- Hand sanitizers.

## IFRA CONFORMITY CERTIFICATE 51st Amendment

Code **YZS-0704\***

**GEUROLIE GERANIUM**

15-11-2024

• **Subcategory n. 5/D:**

Products in this Cat.: *Products in Cat. 5 for children.*

– Baby cream/lotion, baby oil, baby powders and talc.

**6. Category n. 6:** *Rinse off products with lip and oral exposure.*

Products in this Cat.: *Rinse off products with lip and oral exposure.*

- Toothpaste;
- Mouthwash, including breath sprays;
- Toothpowder, strips, mouthwash tablets.

**7. Category n. 7:** *Products applied to hair with hand contact.*

• **Subcategory n. 7/A:**

Products in this Cat.: *hair permanent and other rinse-off treatments.*

– Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes.

• **Subcategory n. 7/B:**

Products in this Cat.: *other leave-on treatments, as follows.*

- Hair sprays of all types (pumps, aerosol sprays, etc.);
- Hair styling aids non sprays (mousse, gels, leave-on conditioners);
- Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes;
- Shampoo-Dry (waterless shampoo);
- Hair deodorizer, hair perfume (marketed specifically for hair).

**8. Category n. 8:** *Products with significant anogenital exposure.*

Products in this Cat.: *Products with significant anogenital exposure.*

- Intimate wipes;
- Intimate deodorant spray;
- Tampons;
- Baby wipes;
- Toilet paper (wet).

**9. Category n. 9:** *Rinse off products with body and hand exposure.*

Products in this Cat.: *Rinse off products with body and hand exposure.*

- Bar soap;
- Shampoo of all types;
- Cleanser for face (rinse-off);
- Conditioner (rinse-off);
- Liquid soap;
- Body washes and shower gels of all types;
- Baby wash, bath, shampoo;
- Bath gels, foams, mousses, salts, oils and other products added to bathwater (e.g. bath bombs);
- Foot care products (feet are placed in a bath for soaking);

## IFRA CONFORMITY CERTIFICATE 51st Amendment

Code **YZS-0704\***

**GEUROLIE GERANIUM**

15-11-2024

- Shaving creams of all types (stick, gels, foams, etc.);
- All depilatories (including facial) and waxes for mechanical hair removal;
- Shampoos for pets.

10. **Category n. 10:** *Household care products with mostly hand contact.*

• **Subcategory n. 10/A:**

Products in this Cat.: *Mostly rinse-off products, as follows.*

- Hand wash laundry detergent (including concentrates);
- Laundry pre-treatment of all types (e.g. paste, sprays, sticks);
- Hand dishwashing detergent (including concentrates);
- Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, leather cleaning wipes, treatment products for textiles, etc.);
- Machine laundry detergents with skin contact (e.g. liquids, powders) incl. concentrates;
- Dry cleaning kits (involving manual application on the textile);
- Toilet seat wipes;
- Fabric softeners of all types excluding fabric softener sheets;
- Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, etc.;
- Floor wax;
- Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (noncartridge systems), etc;
- Ironing water (Odorized distilled water).

• **Subcategory n. 10/B:**

Products in this Cat.: *Mostly leave-on products, as follows.*

- Animal sprays: sprays applied to animals of all types;
- Air freshener sprays, manual, including aerosol and pump;
- Aerosol/spray insecticides.

11. **Category n. 11:** *Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate.*

• **Subcategory n. 11/A:**

Products in this Cat.: *Products with intimate contact.*

- Feminine hygiene conventional pads, liners, interlabial pads;
- Baby diapers;
- Incontinence pant, pad;
- Toilet paper (dry).

• **Subcategory n. 11/B:**

Products in this Cat.: *Products without intimate contact.*

- Tights with moisturizers;
- Scented socks, gloves;
- Facial tissues (dry tissues);
- Napkins;

## IFRA CONFORMITY CERTIFICATE 51st Amendment

Code **YZS-0704\***

**GEUROLIE GERANIUM**

15-11-2024

- Pillow spray;
- Paper towels;
- Wheat bags;
- Facial masks (paper/protective) e.g. surgical masks not used as medical device;
- Fertilizers, solid (pellet or powder).

**Category n. 12:** *Products not intended for direct skin contact, minimal or insignificant transfer to skin.*

Products in this Cat.: *Products not intended for direct skin contact, minimal or insignificant transfer to skin.*

- Candles of all types (including encased);
- Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods);
- Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses, plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, incense, liquid refill (cartridge) air freshening crystals, solid non aerosol car diffuser);
- Air delivery systems;
- Cat litter;
- Cell phone cases;
- Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders);
- Dry cleaning kits (placed in the dryer);
- Dryer sheets and fabric softener sheets;
- Fuels;
- Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays;
- Joss sticks or incense sticks;
- Dishwash detergent and deodorizers for machine wash;
- Olfactive board games;
- Paints;
- Plastic articles (excluding toys);
- Scratch and sniff;
- Scent pack;
- Scent delivery system (using dry air technology);
- Shoe polishes;
- Rim blocks (Toilet);
- Toilet gel;
- Scent beads.

## IFRA CONFORMITY CERTIFICATE 51st Amendment

Code **YZS-0704\***

**GEUROLIE GERANIUM**

15-11-2024

### \*\*\*IFRA 51st AMENDMENT\*\*\*

On June 30th 2023, IFRA has issued the 51st Amendment to its Standards for the safe use of fragrance ingredients.

Beginning with the 49th Amendment, IFRA Standards reflect the introduction of several improvements to the risk assessment methodology. These improvements specifically relate to the revised methodology of Quantitative Risk Assessment for fragrance ingredients for dermal sensitization (hereafter QRA2) and a new way to assess systemic toxicity based on an aggregate exposure model.

The main impact relates to the identification of acceptable levels of fragrance ingredients in different product types and their management, on a practical basis, through grouping distinctive product types into product categories with specific limitations.

The applicable timelines for the 51st Amendment are as follows. These timelines refer to mixtures of fragrance ingredients (formulas) and not to finished consumer product(s).

	Date for Standards entering into force for new creations	Date for Standards entering into force for existing creations
IFRA Standard prohibiting the use of ingredients	2 months after the date of the Notification (i.e. August 30, 2023)	13 months after the date of the Notification (i.e. July 30, 2024)
IFRA Standards restricting or setting specifications for the use of ingredients	9 months after the date of the Notification (i.e. March 30, 2024)	28 months after the date of the Notification (i.e. October 30, 2025)

### Note box:

Due to the possible ingestion of small amounts of fragrance ingredients from their use in products in Categories 1 and 6, materials must not only comply with IFRA Standards but must also be recognized as safe as a flavoring ingredient as defined by the IOFI Code of Practice ([www.iofi.org](http://www.iofi.org)). For more details see chapter 1 of the Guidance for the use of IFRA Standards.

- The IFRA Standards are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

The creative perfumery procedures in Gildewerk Fragrances ensure that Fragrance compounds are composed only of ingredients approved by the safety clearance procedure, and satisfy, according to the current state of knowledge, the safety requirements for the intended application under normal and reasonably foreseeable conditions of use.

For other kinds of application or use at higher concentration levels, a new safety evaluation may be needed; please contact Gildewerk.

## IFRA CONFORMITY CERTIFICATE 51st Amendment

Code **YZS-0704\***

**GEUROLIE GERANIUM**

15-11-2024

It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance) by further testing if need be.

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