

íslo Zprávy / Report No.: **22004687**



Název p ípravku / Product name:

**NSN PROFESSIONAL  
UV - LED GELLAC base**

Verze zprávy / Report version No.: **221003/01**

Verze receptury / Formula version No.: **221003/01**

## 6. Expozice kosmetickému p ípravku/Exposure to the cosmetic product

Typ p ípravku/Product type (according to the manufacturer)	Nail polish
P edpokládané celkové množství aplikovaného p ípravku / Estimated total quantity of the product applied (g/1 application) according to the manufacturer	0.200
Celkové množství ed ného p ípravku / The total amount of the diluted product (g)	0.200
Odhadovaný reten ní dermální faktor / Estimated retention dermal factor	1.000
etnost použití za den / Frequency of application per day (according to the manufacturer)	0.286
Typ p ípravku dle doby p sobení / Type of product according to the exposure time	Leave on
Cílová skupina osob / Target group	For adults
Minimální hodnota MoS pro cílovou skupinu/minimum MoS value for the target group (according to The SCCS Notes of Guidance for the testing of cosmetic ingredients and their safety evaluation 10TH revision, 3-6.9)	100.000
Vypo tená relativní denní expozice/Calculated relative daily exposure (mg/kg bw/den)	0.95333
P edpokládaná inhala ní expozice jako % z vypo tené relativní denní expozice / Estimated inhaled exposure as % of the calculated relative daily exposure	X
P edpokládaná inhala ní relativní denní expozice/Estimated inhaled relative daily exposure (mg/kg bw/den)	X
P edpokládaná expozice požitím jako % z vypo tené relativní denní expozice / Estimated daily exposure swallowed as % of the calculated relative daily exposure	X
P edpokládaná relativní denní expozice požitím/Estimated relative daily exposure by ingestion (mg/kg bw/den)	X

## 1. Kvantitativní a kvalitativní složení kosmetického přípravku / Quantitative and qualitative composition of the cosmetic product

Název složky INCI / INCI name	CAS	EINECS	Zamýšlená funkce / Functions	Omezení, p íloha Na ízení / Restriction, Annex to Regulation	Povinné tvrzení / Obligatory claims	Obsah složky % / Contents of %	Obsah aktivní látky (ve finálním výrobku) % / Contents (active ingredient) in finished product %	Obsah aktivní látky (ve složce) % / Contents (active substance) in ingredient %	Specifikace suroviny / Ingredient specification	Poznámka / Note
DI-HEMA Trimethylhexyl Dicarbamate	41137-60-4 / 72869-86-4	- / 276-957-5	film forming, nail sculpting	III/314 Nail products. Professional use only.	For professional use only. Can cause an allergic reaction.	60,0000000	60,0000000	100	deposited with the responsible person	
HEMA	868-77-9	212-782-2	film forming, nail sculpting	III/313 Nail products. Professional use only.	For professional use only. Can cause an allergic reaction.	20,0000000	20,0000000	100	deposited with the responsible person	
Hydroxypropyl Methacrylate	27813-02-1	248-666-3	film forming	x	x	20,0000000	20,0000000	100	deposited with the responsible person	
Isobornyl Methacrylate	7534-94-3	231-403-1	film forming	x	x	15,0000000	15,0000000	100	deposited with the responsible person	
Hydroxycyclohexyl Phenyl Ketone	947-19-3	213-426-9	binding	x	x	5,0000000	5,0000000	100	deposited with the responsible person	
CI 60725	81-48-1	201-353-5	cosmetic colorant	IV/89	x	1,0000000	1,0000000	100	deposited with the responsible person	

**Ingredients (INCI):** DI-HEMA Trimethylhexyl Dicarbamate, HEMA, Hydroxypropyl Methacrylate, Isobornyl Methacrylate, Hydroxycyclohexyl Phenyl Ketone, CI 60725.

**Celkový obsah aktivní látky (konzervant , alergen ) ve finálním výrobku % / Total contents active ingredient (preservatives, allergens) in finished product %**

Název složky INCI / INCI name	CAS	EINECS	Zamýšlená funkce / Functions	Omezení, p íloha Na ízení / Restriction, Annex to Regulation	Obsah aktivní látky (ve finálním výrobku) % / Contents (active ingredient) in finished product %
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## 7. Expozice látkám / Exposure to the substances

Název složky INCI / INCI name	Koncentrace / Concentration (%/100)	Kožní prostupnost / Skin permeability (%/100)	SED derm (mg/kg bw/den) / SED derm (mg/kg bw/day)	Inhala ní vst ebatelnost / Inhalation absorption (%/100)	SED inhal (mg/kg bw/den) / SED inhal (mg/kg bw/day)	Vst ebatelnost po požití / Absorption after swallowed (%/100)	SED požití (mg/kg bw/den) / SED swallowed (mg/kg bw/day)	SED total (mg/kg bw/den) / SED total (mg/kg bw/day)
DI-HEMA Trimethylhexyl Dicarbamate	0,60000000	1,0000000	0,57199801	1,0000000	0,00000000	1,0000000	0,00000000	0,5719980110
HEMA	0,20000000	1,0000000	0,19066600	1,0000000	0,00000000	1,0000000	0,00000000	0,1906659989
Hydroxypropyl Methacrylate	0,20000000	1,0000000	0,19066600	1,0000000	0,00000000	1,0000000	0,00000000	0,1906659989
Isobornyl Methacrylate	0,15000000	0,1000000	0,01429995	1,0000000	0,00000000	1,0000000	0,00000000	0,0142999503
Hydroxycyclohexyl Phenyl Ketone	0,05000000	1,0000000	0,04766650	1,0000000	0,00000000	1,0000000	0,00000000	0,0476664997
CI 60725	X	X	X	X	X	X	X	X

## 8. Toxikologický profil látek / Toxicological profile of the substances

Název složky INCI / INCI name	NOAEL (mg/kg bw/den)/ NOAEL (mg/kg bw/day)	Odvození/Reasoning	Zdroj/Source	Dodatečný faktor pro MoS/Additional factor for the MoS (NOAEL=1, LOAEL=3, 28-day test=3, 90-day test=1)	MOS
DI-HEMA Trimethylhexyl Dicarbamate	600	X	Final Report of the Safety Assessment of Methacrylate Ester Monomers Used in Nail Enhancement Products. Cosmetic Ingredient Review [online]. 2005 [cit. 2017-07-21]. Available from: <a href="http://cir-safety.org/sites/default/files/118_memrpt_suppl.pdf">cir-safety.org/sites/default/files/118_memrpt_suppl.pdf</a>	1	1049
HEMA	30	X	2-hydroxyethyl methacrylate: Repeated dose toxicity: oral: 001 Key   Experimental result. ECHA [online]. ©2007–2017 last updated 8.7.2017 [cit. 2017-07-21]. Available from: <a href="http://echa.europa.eu/cs/registration-dossier/-/registered-dossier/15124/7/6/2/?documentUUID=e0f4e307-6530-4402-a114-379b30878483">echa.europa.eu/cs/registration-dossier/-/registered-dossier/15124/7/6/2/?documentUUID=e0f4e307-6530-4402-a114-379b30878483</a>	1	157
Hydroxypropyl Methacrylate	300	X	Methacrylic acid, monoester with propane-1,2-diol: Repeated dose toxicity: oral: 001 Key   Experimental result. ECHA [online]. ©2007–2017 last updated 13.7.2017 [cit. 2017-07-25]. Available from: <a href="http://echa.europa.eu/cs/registration-dossier/-/registered-dossier/14978/7/6/2/?documentUUID=928b8521-e0b5-409b-912e-61d3f0fc02a6">echa.europa.eu/cs/registration-dossier/-/registered-dossier/14978/7/6/2/?documentUUID=928b8521-e0b5-409b-912e-61d3f0fc02a6</a>	3	524
Isobornyl Methacrylate	120	Log P>4	Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate: Partition coefficient: 003 Supporting   calculation. ECHA [online]. ©2007–2017, last updated 19.9.2017 [cit. 2017-10-04]. Available from: <a href="http://echa.europa.eu/cs/registration-dossier/-/registered-dossier/13730/4/8/?documentUUID=04a7137b-b563-4aae-a975-72a25bf859d5">echa.europa.eu/cs/registration-dossier/-/registered-dossier/13730/4/8/?documentUUID=04a7137b-b563-4aae-a975-72a25bf859d5</a> ; Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate: Repeated dose toxicity: oral: 004 Weight of evidence   Read-across (Structural analogue / surrogate) . ECHA [online]. ©2007–2017, last updated 19.9.2017 [cit. 2017-10-04]. Available from: <a href="http://echa.europa.eu/cs/registration-dossier/-/registered-dossier/13730/7/6/2/?documentUUID=7eb631af-9e44-4b3d-a8cd-3e2c123b0173">echa.europa.eu/cs/registration-dossier/-/registered-dossier/13730/7/6/2/?documentUUID=7eb631af-9e44-4b3d-a8cd-3e2c123b0173</a>	1	8392
Hydroxycyclohexyl Phenyl Ketone	300	X	Hydroxycyclohexyl phenyl ketone: Repeated dose toxicity: oral: 001 Key   Experimental result . ECHA [online]. ©2007–2017, last updated 8.9.2017 [cit. 2017-10-04]. Available from: <a href="http://echa.europa.eu/cs/registration-dossier/-/registered-dossier/1936/7/6/2/?documentUUID=7d6beb1a-2e75-467a-a2ea-fa4461976a13">echa.europa.eu/cs/registration-dossier/-/registered-dossier/1936/7/6/2/?documentUUID=7d6beb1a-2e75-467a-a2ea-fa4461976a13</a>	1	6294
CI 60725	X	Ingredients listed in the Annexes to Regulation EC No. 1223/2009 is SCCS guaranteed their safety and the safety assessor does not evaluate their toxicological properties (does not perform the calculation of MoS) - these ingredients are considered safe if they meet the requirements of the Annexes. The same is it, in the case of ingredients, to which SCCS gave your Opinion (according The SCCS Notes of Guidance for the testing of cosmetic ingredients and their safety evaluation 10TH revision, paragraph 3-1).	X	X	X