# Safety Assessment Report (SAR) according to EU/1223/2009 Annex 1

# PART A - Cosmetic product safety information

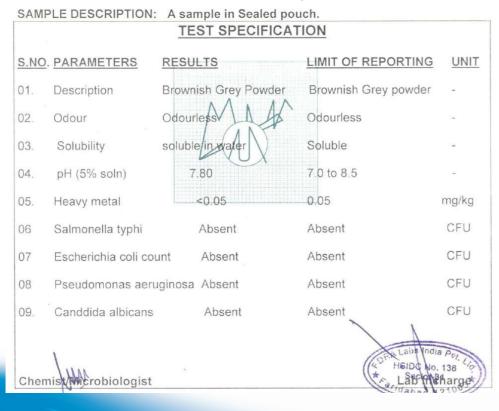
## 1. Quantitative and qualitative composition

Product composition for product "Dyotics Brow Henna - Natural Brown", is provided in the following table:

Product: DYOTICS BROW HENNA - Natural Brown						
INCI name ingredient	CAS nr.					
Aqua	7732-18-5					
Sodium Carbonate Peroxide	15630-89-4					
Cellulose Gum	9004-32-4					
P-Phenylenediamine	106-50-3					
Lawsonia Inermis Extract	83-72-7					
Citric Acid	77-92-9					
Magnesium Sulfate	7487-88-9					
Silica	7631-86-9					
p-Aminophenol	123-30-8					
Sodium Lauryl Sulfate	151-21-3					
1-Naphthol	90-15-3					
4-Amino-2-Hydroxytoluene	2835-95-2					
4-Chlororesorcinol	95-88-5					
Simmondsia Chinensis Oil	61789-91-1					
Aloe Barbadensis Leaf Extract	85507-69-3					
Exposure scenario: 0,12g powder + 15 drops	of water (0,75ml)					

## 2. Physical/chemical characteristics and product stability

The product physico-chemical and microbiological parameters are described in table below.



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The product stability has been evaluated in RT (25C-30C) study for 36 months.

The performed real life room temperature stability study results indicate that the product was found to be stable for 36 months and that all specified parameters fall within the acceptable deviation at all measurement points. Based on the stability study results there is no indication of product deterioration and the expected product shelf is 3 years.

#### 3. Microbiological quality

The product is a dry powder with high content of oxidising substances, which is considered a microbiologically low risk product.

Due to the fact that the product is intended for single-use (one sachet per treatment, consumed completely after opening) there is no need for challenge test which is required for products intended for multiple use after opening.

The stability report and the manufacturing batch control ensure the required microbiological purity for this product category.

#### 4. Impurities, traces, information about packaging material

Due to the fact that the product is in powder form, with very limited surface-contact between the product and the packaging and very low migration potential (absence of solution required for substance migration), the potential for migration of unintentional and/or unwanted contaminants from packaging into the product can be regarded as negligible.

#### 5. Normal and reasonably foreseeable use

The product is an oxidative hair (eyebrows) dye. The product is applied on eyebrows after mixing with water ( $\pm 0,1g$  of product in 1,1 ml water). The product is intended for colouring eyebrows only and is not suitable for dying eye-lashes or any other body-hair. The product is intended for professional use only.

#### 6. Exposure to cosmetic product

Exposure to the cosmetic product is calculated based on the following parameters.

Exposure scenario: eyebrows dye			
Ammount applied	1,10	g	
Application frequency	0,02	per day	
Skin surface area	10,00	cm2	
Skin retention	1,00	%	
Percutaneous absorption	100,00	%	
Average body weight (adult)	64,00	kg	
Total systemic exposure	0,003	mg/kgBW/d	

#### 7. Exposure to the substances

See chapter 8.

#### 8. Toxicological profile of individual substances

The data about the toxicological profiles of and exposure to individual substances in formulation is summarised in the attached table. The calculation based on the available toxicity data and the respective systemic exposure and dermal loads indicate that the MoS for all toxicologically relevant components is within the acceptable margins. For some of the substances other toxicologically relevant end-point data is used in stead of NOAEL values when relevant or if NOAEL values are



not established (e.g. DNEL, GRAS status, ADI or TDI values form food ingredients assessments, CIR assessments, sub chronic toxicity, etc.).

#### 9. Undesirable effects (Cosmetovigilance)

At present no cosmetovigilance data is available yet.

#### 10.Other relevant information for safety assessment

Oxidative hair dyes contain strongly sensitising substances. All regulated substances are formulated and used within the limits as defined in Annex III of the Eu regulation 1223/2009.

Since the product is not a standard two-component hair (eyebrows) dye, to confirm the correct interpretation of the Annex III requirements applying to product ingredients (e.g. PPD), we have inquired advise from the Dutch authorities. The Dutch authority (VWA) confirmed in writing that the assessed product (permanent powder color) can be considered as oxidative hair dye as ment in Annex III requirements and that the Annex III requirements apply to the product as applied on the hair, after mixing with water.

To verify the skin compatibility and the irritation potential of the product, the product has been clinically tested on human volunteers in a patch test to test for primary skin irritation and hypersensitivity. No evidence of any skin disorder is observed up to 48h contact time. Test report concluded that no hypersensitivity was observed on 32 persons.



## PART B - Cosmetic product safety assessment

#### 1. Assessment conclusions

This assessment has been conducted according to the requirements laid down in the cosmetic regulation No 1223/2009 as amended at the date of this assessment, and in line with the Cosmetics Europe (former COLIPA) technical guidance document for the safety assessment of cosmetic products. The undersigned consider that in the present state of knowledge and considering the general toxicological profile of the single ingredients used, their chemical structure, their reactivity and interaction with other ingredients, their level of exposure and the experimental conditions adopted, the product put on the market can be regarded as safe to human health when applied under conditions of use as instructed on the product label.

#### 2. Mandatory labelling information and warnings related to product safety

Mandatory ingredients listing for product labelling:

Product ingredients list (INCI): DYOTICS BROW HENNA - Natural Brown - for professional use

Sodium Carbonate Peroxide, Cellulose Gum, P-Phenylenediamine, Henna (Lawsonia Inermis Extract), Citric Acid, Magnesium Sulfate, Silica, p-Aminophenol, Sodium Lauryl Sulfate, 1-Naphthol, 4-Amino-2-Hydroxytoluene, 4-Chlororesorcinol, Simmondsia Chinensis Oil, Aloe Barbadensis Leaf Extract

#### Mandatory warnings:

Wear suitable gloves. Contains hydrogen peroxide. Avoid contact with eyes. Rinse immediately if product comes into contact with them. Indication of the mixing ratio.

For professional use only. This product is not intended for use on persons under the age of 16. Hair colourants can cause severe allergic reactions. Read and follow instructions. This product is not intended for use on persons under the age of 16. Temporary black henna tattoos may increase your risk of allergy. Do not colour your hair if:

- you have a rash on your face or sensitive, irritated and damaged scalp,

- you have ever experienced any reaction after colouring your hair,

- you have experienced a reaction to a temporary black henna tattoo in the past.

Contains phenylenediamines.

#### 3. Reasoning of the assessment conclusions

The assessed product, oxidative hair dye, falls under the product category which is extensively studied and evaluated for safety by SCCP. Based on the opinions published by SCCP on ingredients used in this formulation and corresponding conditions of safe use, it can be concluded that this product as formulated and as used by professional users can be regarded as safe.

The use instructions and conditions/warning for safe use are clearly indicated on the product label and included leaflets.

## 4. Assessor's credentials and approval of part B

Name of the qualified assessor: Drs. Zoran Gavrić

<u>Qualifications:</u> M.Sc. BioPharmaceutical Sciences, Leiden University, The Netherlands; Postgraduate Course in Dermato-Cosmetic Sciences, University of Brussels, Belgium; Post-graduate Course in Safety Assessment of Cosmetics in the EU, University of Brussels, Belgium. <u>Address and contact details:</u> Boomsluiterskade 216, 2511 VJ The Hague, The Netherlands; tel: +31-643828286, e-mail: z.gavric@regcom.nl

Date of the assessment: 19 Nov 2018

Jame Geric

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REGULATORY

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Product name	Dyotics Brow	v Henna - Natural	Brown	
	-,			
Product type - LEVEL 1	HAIR AND SC	ALP PRODUCTS		
Product type - LEVEL 2	HAIR COLOU	RING PRODUCTS		
Product type - LEVEL 3	Oxidative ha	ir colour produc	ts	
Product type - LEVEL 4 (TRC)	Eyebrow dye	e (1 % availabilty f	for skin contact)	
			· •	
Body Weight (baby/child/adult)	64,00	kg	Woman	
Exposure scenario			Customer:	Mrs. Highbrow
Ammount applied	1,10	g		
Application frequency		per dav		
Skin surface area	10,00	cm2	Safety assessor:	drs. Z. Gavric MSc. Bio-Pharmaceutical Sciences, regulatory toxicologist
Skin retention	1,00	%		
Percutaneous absorption	100,00	%		
Average body weight (adult)	64,00	kg	Comments:	The product is an oxidative hair dye intended for coloring the eyebrows. Eyebrows are considered as general hair contrary to eyelashes where the exposure scenario and related restrictions consider the proximity of the eye. The product should based on the content of
Total systemic exposure	0,003	mg/kgBW/d		specifically Annex III regulated ingredients include following warinings:
				Wear suitable gloves. Contains hydrogen peroxide. Avoid contact with eyes. Rinse immediately if product comes into contact with them. The mixing ratio.
				For professional use only. This product is not intended for use on persons under the age of 16. Hair colourants can ause severe allergier reactions. Read and follow instructions. This product is not intended for use on persons under the age of 16. Temporary black henna tattoos may increase your risk of allergy. Do not colour your hair if:
				nar colourants can cause server e allergis reactions, read and billow instructions, rins product is not interfoed or use on persons under the age or 16, remporary black nemia tactoos may increase your risk of allergy, build tact or you have a cast on your face or sensitive, intrinstead and analysis and interfoed soft.
				- you have set as in you have or sensitive, in trace or and on angels scap,
				- you have experienced a reaction to a temporary black henna tattoo in the past.
				Contains phenylenediamines.

N	Ingredient name (customer) >>> verified into INCI name by TRC	Ingredient CAS code (customer)	Ingredient % of total (customer)		SED mg/kgBW/d	Reg Annex	CIR/GRASS/IFRA	NOAEL mg/kgBW/d	MoS or other conformity	Reference to scientific tox data / comment
	Aqua Sodium Carbonate Peroxide	7732-18-5 15630-89-4	86,2069 3,4483	ACUA SODIUM CARBONATE PEROXIDE		n.t. Anse III: Hydrogen periodde, and other compounds or mixtures that release hydrogen periodde, including cabamide periodde and inc periodde. (a) Hair products - 12% of H202 (40 volume), present or released (f) Products intended for eyelashes - 2% of H 202, present or released of expredisations are unifyl memory of the second second second second second hydrogen period & Avedi contact with types. Binos memoliately if product comes into contact with them. (f) to be printed on the label: "For professional use only. Avedi contact with eyes, Binos (f) product comes into contact with them. Contains hydrogen periode."	n.a. BRACH registered, CLP classified: Acute Tox. 4 H302 Eye Dam. 1 H318	n.a. Local demai effect (corrosion) is the most significant toxicological effect. DREL (in irritation / corrosion): 6,4 mg/cm2	n.a. Regonform Regonform Considered safe at this level of use and exposure (within Annew III limits)	n.a. Regulation 1223/2009 Annex III REACH registration data
3	Cellulose Gum	9004-32-4	2,7586	CELLULOSE GUM	0,000083	n.a.	CIR safe up to 20% GRAS Food additive	ADI 25 mg/kg/day, NEL 5% food 2 year; NOAEL: 3000 mg/kgbw/d	MoS = 3000/0,0001 = 3000000 Considered safe at this level of use and exposure	Amended safety assessment 03/09 - Available from CIR JACT 5(3):1-59, 1986 (original report) WHO Food additive series 50
4	₽ ÷Phenylevediamine	106-50-3	1,1034	P-PHENYLENEDIAMINE		Anome III: Hair drye substance in ouidative hair drye products (b) Professional use For (a) and (b): After mixing under additate: conditions the maximum concentration applied to hair must not exceed 2% calculated as free base (b): To be printed on the label: The mixing ratio. For professional use only. Near Colourants can cause any ending of reactions. This colour antic calculates and the reage of 16. Intended for use on persons under the age of 15. of allergy, Do not colour your hair if and distanged scalp, - you have eards on your face or resistive, inritated and dismaged scalp. - you have eards on your face or resistive, inritated and distanged scalp. - you have eards on persons under the age of 15. Colouring your hair, - you have eards on dealer assction to a temporary black hem a tatoo in the past.	PPD is Annex IV listed colorant or use in hair dyes. PPD shewychediamine is used sain ingredient of oxidative hair colouring products at a maximal concentration of 4.0%, which after thinking in a 11 article with hydrogen provide prior to use. corresponds to a maximal concentration of 2.0% as application to the hair. RRACH registered adn CLP classified. According to the harmonised classification and habeling (CLP00) approved by the European Lnion, this substance is toxic if swallowed, is toxic in contact with skin, is used if Inhaide is, wer tyocic to aquatic life, is very toxic to aquatic life with and and an external an allergic skin reaction.	Dermal Long-term: (DNEL) 150 μg/hg bw/day repeated dope toxicity) Dermal Acute / phonet term: (DNEL) 30 ng/cm <sup>2</sup> smattaiation (skin) Oral Long-term: (DNEL) 150 μg/hg bw/day repeated dope toxicity Oral repeated dope NOAEL (ral): 16 mg/hg bw/day NSIS: 17.5 μg/cm2 AEL 0.58 μg/cm2	Reg conform Considered and are this level of ure and exposure (within Annex III limits)	REACH registration dossier SCC/V0893/0 RIVM Letter report 050012001 Reg 1223/2009 Annex III
5	Henna	83-72-7	1,3793	HENNA	0,000041	ñ.k	The glant Herms (I association is entropic to the second s	Dermal penetration ratio (as Lawsone): 5,3% (wost case) The calculated median lethal dose was > 2000 mg/kg bw (acute oral and dermal). The NOAE, (No-Observed-Adverse-Effect-Level) of Henna Rot was 40 mg/kg bw/day (13 wesk day rat study): the NOAE: Was 200 mg/kg bw/day for the rat foretures (teratopenicity study).	No.5- #0/0,00004 = 1000000 Considered single at this level of use and exposure	SCC5/1511/13, SCC5 Opinion on Lewsonia Inermis (Henna) C169
6	Citric Acid	77-92-9	1,2414	CITRIC ACID	0,000037	n.a.	REACH registered CLP not classified CIR Safe as used <10% if the formulation pH is >3,5	not irritaitng, not sensitizing ADI unlimited, NEL 1.2 % food 2 year. NOAEL 241 mg/kgBW/day (SCCP)	MoS = 241/0,00004 = 6.025.000 Considered safe at this level of use and exposure	REACH registration data UT 17(51):1-242, 1998
7	Magnesium Sulfate	7487-88-9	1,2414	MAGNESIUM SULFATE	0,000037	n.ı.	Sealated by CR as safe for use in cormetics Magnetism Sufface lincificans as abuling gent in cormetic products, and a bing und at concentrations up to 11 % and 25% in leave on and innex of products, respectively CR Expert Panel oncel that ginflicant toxic (concentrations) to 51 % and 25% in leave on significant toxic (concentrations) or systemic exposure significant toxic (concentrations) or systemic exposure to these ingradients. Furthermore, the extensive clinical experience of the Panel, including the results of numerous patch tests', indicates that magnetism statist of not have the potential to induce sensitization. The Panel noted that statist of sufficient calls, such as oddinue sufface, can be irritating to the kin, so cosmetic products containing magnetism concluded that magnetism usifiate is safe in the present practices of the and concentration in cosmetics, when formulated to be non- irritating. OCCD SIDS report evaluated that Magnetium sulfate does not present a bazard for human health due to its low bazard profile.	The card LBO onloses were 32, 2000 mg/kg NOAE. for reproductive and developmental toxicity was considered to be 450 mg/kg bw/Gay	No.5 = 400,00004 = 11.250,000 Considered safe at this level of use and exposure	Safey Assessment of Magnetium Sulfate at Used in Commits, 2014 OCC SUS INTINA ASSESSMENT PROFILE SIAM 31, Magnesium Sulfate October 2014
8	Silica	7631-86-9	0,8276	SILICA	0,000025	n.a.	REACH registered CLP not classified CIR assessed as safe when formulated to be non-respirable.	Non toxic, no DNEL tresholds defined (no hazards identified) Oral NOAEL rat > 5000 mg/kgbw/d	MoS calculation not relevant for non-hazardous substances without established upper advers effect level. Considered safe at this level of use and exposure	REACH registration data CIR Safety Assessment of Silica and Related Cosmetic Ingredients, 2009
9	p-Aminophenol	123-30-8	0,6897	P-AMINOPHENOL		Annue III Hair dye substance in oxidative hair dye Ader ching under chidative conditions the maximum concentration applied to hair must not exceed 0.9 % To be printed on the label: The musing ratio. Hair colorants can cause severe allergic reactions. Read and follow instructions. This product is not interned for use on persons under the age of 1s. If all ergy Du not colour your hair if and damaged scalp. - you have earge no your face or snaitive, inritated and damaged scalp. - you have earge not generated any reaction after colouring your hair, - you have earge not generated any reaction after colouring your hair, - you have earge network on to a temporary black hemin tattoo in the past.	p-Aninophenol is an oxidative hair de arrecursor: It is incorporated is avaidable-hair de formalitations and in the battice on the market at a maximum concentration of 1.25% and is typically mixed in a 1.1 ratio with an axidative agent. Thereby reaching a concentration of 0.9% for in use application. p-Aninophenol is also used as an agent in the production of dyes and medicines, notably paracetamol. Based on the data provided, the SCCS is of the opinion that the use of p-aminophenol with a maximum on-head concentration of 0.9% for the consumer, apart from its sensitising potential.	applied dose) Dermal absorption per treatment (as hair dye in max allowed conc.): 4.00 mg NOAEL (90-d, oral, rat): 10 mg/kg bw/d		SCC2/1409/11, SCCS OPINION ON p- Aminophenol

N	Ingredient name	Ingredient	Ingredient %	Ingredient name (INCI)	SED	Reg Annex	CIR / GRASS / IFRA	NOAEL	MoS or other conformity	Reference to scientific tox data / comment
	(customer) >> verified into INCI name by TRC	CAS code (customer)	oftotal (customer)		mg/kgBW/d			mg/kgBW/d		
10	Sodium Lauryl Sulfate	151-21-3	0,6897	SODIUM LAURYL SULFATE	0,000021	n.a.	REACH registered CLP classified H3D2 Harmful if swallowed H31S Causes skin irritation H31S Causes source see damage H412 Harmful to aquatic life with long lasting effects	DNEL dermal 2440 mg/kgbw/d DNEL oral 24 mg/kgbw/d DNEL inhaltion 55 mg/m3 Irritating to skin and eyes, not sensitizing Irritating to skin and eyes, not sensitizing NAAEL systemic (HERA) 60 mg/kgbw/d	MoS = 60/0,00002 = 3.000.000 Considered safe at this level of use and exposure	REACH registration data JOURNAL OF THE AMERICAN COLEGE OF TOXICCLODGY Volume 2, Number 7, 1983 HERA assessment of Alcohol sulphates, 2002 CIR Final Report on the Safety Assessment of Sodium Laury Sulfate and Ammonium Lauryl Sulfate, 1983 re-assessed 20115
11	1-Naphthol	90-15-3	0,0690	1-NAPHTHOL	0,000002	Annek II: Hair dye substance in oxidative hair dye products Maer mixing under oxidative conditions the Maer mixing under oxidative conditions the receed 2.0% To be printed on the label: Hair colorants can cause severe allergic reactions.	1 Alaphthol is used in oxidative hair dyeformulations at a maximum concentration of 4.0%, which after mixing typically in 1.1 ratio with hydrogen peroadeprirot ous, corresponds to a concentration of 2.0% upon application. The SCCP is of the opinion that, apart from the risks associated with the use of a strong sensitiser, the use of 1-saphthol itself in oxidative link does not pose any other risk to the health of the consumer. 14kphthol itself has no mutagenic potential.	LDSD:>1000 mg/kgbw 2.5% aqueous suspension of 1-naphthol was considered not to serimant to rabbit skin. Initiat effects on eyes with an increasing degree of equiritation with increasing dogree 1-naphthol is a strong 'exercise store. Repeated doue care (inice) NCOAE: 100 mg/kg bw/day Matemal touchty (oral, raf) NCOE. 200 mg/kg bw Matemal touchty (oral, raf) NCOE. 200 mg/kg bw (bisorption rate ±1%)	Reg conform Considered safe at this level of use and exposure (within Annex III limits)	SCCP/1123/07, SCCP Opinion on 1- naphthol
	4-Amino-2-Hydroxytoluene		0,0690	4-MMINO-2- HYDROXYTOLUENE		Annes III: Hair dye substance in oudsitive hair dye products. For (a) and (b): After mixing under outdative conditions the maximum concentrations applied to hair or eyelashen must not exceed 1,5% (b) For professional use only. (b) To be printed on the label: The mixing ratio. For professional use only. This product can cause several ellergic reactions. Read and follow instructions. This product is not intended for use on beeroon surd the age of 16. Temporary black henna tattoos may increase the risk of allergy. Eyelsahe shall maped can be not face or smalltw, instrated and damaged scale. - has a patienced any reaction after colouring hair or epidands. - hans perferenced any reaction the temporary black henna tattoo in the past. Time eyes immediately if product comes into contact with them.	4-Amino 2-hydroxytoluene is used in axidative hair dye formulations at a final aconcentiation of 1.5%, after mixing with peroxide developer. Based on the information provided, the SCCP is of the opinion that the use of 4-amino-2-hydroxytoluene itself as an oxidative hair dye substance at a maximum concentration of 1.5% in the finished cosmetic product (after mixing with hydrogen peroxide) does not pose a risk to the health of the consumer, apart from its sensitising potential.	maximum dermal absorption of 3.48 µg/cm2 no relevant mutagenic potential in vivo	Beg conform Considered and a this level of use and exposure (within Annex III limits)	SCP/100106, SCP Opinian an 4-Amino-2 hydraxytoluene
13	3 4-Chlororesorcinol	95-88-5	0,1379	4-CHLORORESORCINOL	0,000004	Annex III: Hair dye substance in oxidative hair dye products After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 2.5% To be printed on the label: Hair colorants can cause severe altergic reactions.	4 Chlororearcinol is used as a coupler in oxidative har dye formulations. It reacts with primary intermediates to form be final dye-struft. The coupling-reaction can be accelerated by addition of an oxidiating agent (e.g. hydrogen peroxide), but can also be achieved by air oxidation. The final concentration of 4-chlororesorcinol on head can be up to 2.5%.	NOAEL: 50 mg/kgbw/d	Reg conform Considered safe at this level of use and exposure (within Annex III limits)	SCCS opinion (SCCS/1224/09) on 4- chlororesorcinol
14	Simmondula Chinensis Seed Oli	90045-98-0	0,0690	SIMMONDSIA CHINENSIS	0,000002	n.	Simmondua Chinensia Oli Ishe filed oli expressed or extracted from seeds of the joloba, Simmondua Chinensia. Simmondua Chinensia (Jojoba) Seed Oli is composed almost completely (97%) of ware setes of monounstaturated, straght-chin filty acids and alcohols with high molecular weights (15 4-C2B). These ware sets esist principally (133%) as combinations of C2D and C22 unarrativet ad acids and alcohols. Simmondua Chinensis (Jojoba) Seed Oli is stable and resists oxidation. The amount and composition of the oli expressist from 5. Chinensis seeds varies with maturity of the seeds and somewhat with location and climate conditions surrounding the plant. CIR evaluated Simmondua Chinensis (Jojoba Seed Oli, Wax, Hydrogenated Jojoba Cli, Hydrolytea Jojoba Stees, Simonitad Jojoba Oli, Jojoba Tatees, Simmondua Chinensis (Jojoba) butter, Jojoba Alcohol, and Synthetic Jojoba Cli as sale as used in connetics.	enhance the penetration of other ingredients through the skin (e.g. funcanzol en and aminophylline). The Panel cautioned that care should be taken in formulating cosmet products that may contain these ingredients in combination with any ingredients whose safety was based on their lack of demail absorption stat, or when demail absorption was a concern. There are no reports of serious accute or chronic troicity, three are un indications of mutagenicity	MGS Galculation not relevant for non-hazerdous substances without established upper advers effect level. Considered safe at this level of use and exposure	CIR Safety Assessment of Simmondaia Chinensis (Jojoba) Seed VIAs, Immondaia Chinensis (Jojoba) Seed VIAs, Hydrogenated Jojoba OII, Hydroyde Jojoba Stears, Isomoriada OII, Jojoba Alcohol, and Symthetic Jojoba OII, 2008
15	5 Aloe Barbadensis Leaf Extract	85507-69-3	0,0690	ALOE BARBADENSIS LEAF EXTRACT	0,000002	n.a.	CIR evaluated as safe as cosmetic ingredients, if anthraquinone levels in the ingredients do not exceed 50 ppm, Hais long history of alleu ues a lod supplement (told in health food shopd) with recommended daily intake on average 25-50 ml/day.	whole leaf powder by Matsuda et al, referenced in Herbal Medicine: Biomolecular and Clinical Aspects	MoS = 88/0,000002 = 44.000.000 Considered safe at this level of use and exposure	UT26(52):1-50, 2007, Final assessment of Aloe Barbandensis Leaf Juice Herbal Medicine: Biomolecular and Clinical Aspects (CRC Press, Benzie et al)