



Product Information File

Holi Color Powder Red/Green/Blue/Orange/Pink/Yellow/ Purple

This file serves to comply with Regulation (EC) No 1223/2009

Initial date 07-04-2016 Issued 08-04-2016

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Product Information File

Holi Color Powder Red/Green/Blue/Orange/Pink/Yellow/Purple (KOC-002)

Composed by INFO CARE BV by order of Kingdom of Colors BV, Mastwijkerdijk 108E, 3417 BT Montfoort, Nederland

Date of issue: 08-04-2016

INFO CARE B.V.

Drs. J.C.J. van Wegen

Product information file



This file serves to comply with Regulation (EC) No 1223/2009.

CONTENT

- Product description
- 2. Cosmetic Product Safety Report
- Method of manufacture and statement of GMP compliance
- Proof of effect for the product
- Data on animal testing

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1. Product description



PRODUCT INFORMATION

Product name : Powder Red/Green/Blue/Orange/Pink/Yellow/Purple

Product code : KOC-002

Product category : Powder products

Product type : Colour powders (fun article)

Formula name : Holi Color Powder coloured

Formula code : KOC-002

CPNP reference : 2133040

M	ANUFACTURER
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L	
P	ACKAGING OF THE PRODUCT

FILE COORDINATOR

Company name : INFO CARE B.V.
Address : Tiberiusweg 9
Place : DE MEERN
Telephone : +31 30 6620235

Company representative : Ing. J.M. van de Hoef - van Veldhuizen Qualifications : Senior Cosmetic Safety Officer

RESPONSIBLE NATURAL PERSON

Company name : Kingdom of Colors BV Adress : Mastwijkerdijk 108E

Place/Country : Montfoort

Telephone : +31-6 248 14331



Cosmetic Product Safety Report

Holi Color Powder Red/Green/Blue/Orange/Pink/Yellow/Purple (KOC-002)

Composed by INFO CARE BV by order of Kingdom of Colors BV, Mastwijkerdijk 108E, 3417 BT Montfoort, Nederland

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Cosmetic product safety report



CONTENT OF CPSR

Part A	Cosmetic product safety information
1.	Quantitative and qualitative composition of the cosmetic product
2.	Physical/chemical characteristics and stability of the cosmetic product
3.	Microbiological quality
4.	Impurities, traces, information about the packaging material
5.	Normal and reasonably foreseeable use
6.	Exposure to the cosmetic product
7.	Exposure to the substances
8.	Toxicological profile of the substances
9.	Undesirable effects and serious undesirable effects
10.	Information on the cosmetic product
Part B	Cosmetic product safety assessment
1.	Assessment conclusion
2.	Labelled warnings and instructions of use
3.	Reasoning
4.	Assessor's credentials and approval of part B



Cosmetic Product Safety Report

PART A: COSMETIC PRODUCT SAFETY INFORMATION

Holi Color Powder Red/Green/Blue/Orange/Pink/Yellow/Purple (KOC-002)

Composed by INFO CARE BV by order of Kingdom of Colors BV, Mastwijkerdijk 108E, 3417 BT Montfoort, Nederland

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1. Quantitative and qualitative composition



1. IDENTIFICATION OF THE PRODUCT

: Holi Color Powder
Product name Formula code Issue date
Red/Green/Blue/Orange/Pink/Yellow/Purple
: KOC-002
: 24-03-2016

2. COMPOSITION OF THE FORMULA

Trade name	%	Manufacturer/supplier
Sodium bicarbonate (TATA)	1.690000	Tata Chemicals Europe
FD&C Red No. 3	2.000000	Dynemic Products Ltd
FD & C Blue 1	2.000000	Dynemic Products Ltd
FD & C Yellow #6	2.000000	Dynemic Products Ltd
Maize Starch Powder	60.080000	Roquette Riddhi Siddhi Pvt, Ltd.
Tri Calcium Phosphate	18.780000	Shiva Inorganics
Sodium Chloride IP	11.260000	Loba Chemie PVT.Ltd.
Methyl paraben (Cosmos)	0.190000	Cosmos Plastics & Chemicals
FD & C Yellow #5	2.000000	Dynemic Products Ltd

3. INFORMATION FOR PUBLIC ACCESS

Information in accordance with Regulation (EC) No. 1223/2009, article 21.

INCI name	%
ZEA MAYS STARCH	
TRICALCIUM PHOSPHATE	
SODIUM CHLORIDE	
CI 45430	1 - 5
CI 42090	
CI 19140	
CI 15985	
SODIUM BICARBONATE	
SODIUM FERROCYANIDE	
METHYLPARABEN	0,01 - 1

1. Quantitative and qualitative composition



Product name Formula code Issue date

: Holi Color Powder Red/Green/Blue/Orange/Pink/Yellow/Purple

: KOC-002 : 24-03-2016

4. FORMULA BREAKDOWN

RM trade name	INCI name	CAS number	EC number	Composition function	Cosmetic function
Maize Starch Powder	ZEA MAYS STARCH	9005-25-8	232-679-6	Ingredient	abrasive / absorbent / anticaking/ skin
Tri Calcium Phosphate	TRICALCIUM PHOSPHATE	7758-87-4	231-840-8	Ingredient	protecting / viscosity controlling abrasive / anticaking / masking / opacifying / oral care
Sodium Chloride IP	SODIUM CHLORIDE	7647-14-5	231-598-3	Ingredient	bulking / masking / oral care / viscosity
Sodium Chloride IP	SODIUM FERROCYANIDE	13601-19-9	237-081-9	Additive	controlling anticaking
FD&C Red No. 3	CI 45430; ACID RED 51	16423-68-0	240-474-8	Ingredient	cosmetic colorant
FD&C Red No. 3 FD&C Red No. 3	SODIUM CHLORIDE SODIUM SULFATE	7647-14-5 7757-82-6	231-598-3 231-820-9	Contaminant Contaminant	
FD & C Blue 1	CI 42090; ACID BLUE 9	3844-45-9	223-339-8	Ingredient	cosmetic colourant / hair dying
FD & C Blue 1	SODIUM CHLORIDE	7647-14-5	231-598-3	Contaminant	22
FD & C Blue 1	SODIUM SULFATE	7757-82-6	231-820-9	Contaminant	

FD & C Yellow #6	CI 15985	2783-94-0	220-491-7	Ingredient	cosmetic colorant
FD & C Yellow #6	SODIUM CHLORIDE	7647-14-5	231-598-3	Contaminant	
FD & C Yellow #6	SODIUM SULFATE	7757-82-6	231-820-9	Contaminant	
FD & C Yellow #5	CI 19140; ACID YELLOW 23	1934-21-0	217-699-5	Ingredient	cosmetic colorant / hair dying
FD & C Yellow #5	SODIUM CHLORIDE	7647-14-5	231-598-3	Contaminant	
Sodium bicarbonate (TATA)	SODIUM BICARBONATE	144-55-8	205-633-8	Ingredient	abrasive / buffering / deodorant / oral care /
					skin protecting
Methyl paraben (Cosmos)	METHYLPARABEN	99-76-3	202-785-7	Ingredient	preservative
1					

2. Physical / Chemical Characteristics And Stability



1. IDENTIFICATION OF THE PRODUCT

Product name Formula code Issue date : Holi Color Powder

Red/Green/Blue/Orange/Pink/Yellow/Purple

: KOC-002 : 24-03-2016

2. FORMULA SPECIFICATIONS

Color Appearance Odour : Red/Green/Blue/Orange/Pink/Yellow/Purple

H : Solic

Viscosity (20° C) Density Remarks : Characteristic

: NA : NA

: Not known

:

3. PRODUCT SPECIFICATIONS

Appearance : Labeled, clean, non damaged.

Artwork

Contents : 70/100 g

Remarks :

4. RESULTS STABILITY TESTING

Performing laboratory :

After storage for 13 weeks at room temperature and at 40 °C the product has been tested on:

- the parameters mentioned in chapter 3 under formula specifications;
- interaction between formula and packaging;
- stability of the packaging.

Results are filed in the test reports mentioned below. No unacceptable changes in appearance, stability and performance are observed.

Based on generally accepted principles of accelerated storage stability testing and to the best of our knowledge and experience the product is believed to be stable for at least 30 months.

5. TEST REPORTS

No test report available.

Based on experience for many years, the product will be stable at room termperature for at least 36 months. There are no significant changes observed in appearance, colour and odour.

3. Microbiological Quality



1. IDENTIFICATION OF THE PRODUCT

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Red/Green/Blue/Orange/Pink/Yellow/Purple

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2. CHALLENGE TESTS / TEST REPORTS

Performing laboratory :

Challenge test :

Remark :

3. MICROBIOLOGICAL QUALITY *

Performing laboratory

Cosmetic category : Category 2: Other products, not specifically intended for children under 3 years,

to be used in the eye area and on mucous membranes.

Quantitative microbiological

limits

: Total Viable Count (TVC)< 1000 cfu/g or 1000 cfu/ml of the product

Qualitative microbiological limits: Pseudomonas aeruginosa, Staphylococcus aureus and Candida albicans not

detectable in 0,1 g or 0,1 ml of the product.

Microbiological control on

production sample

Remark : Based on experience with the product for many years and the fact that the

product is a powder, no microbiological growth is expected for this product. A microbiological quality test will be performed to support the quality of the product after production. This report will be added as soon as available.

*reference : Reference : adopted by the SCCP 23 September 1998.

4. Impurities, Traces and Packaging Material



1. IDENTIFICATION OF THE PRODUCT

Product name Formula code Issue date : Holi Color Powder

Red/Green/Blue/Orange/Pink/Yellow/Purple

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2. PURITY OF THE SUBSTANCES AND MIXTURES

See Part A - 1. Quantitative and qualitative composition

3. TRACES OF PROHIBITED SUBSTANCES

Prohibited substances: ---

4. PACKAGING DOCUMENTATION

5. REMARKS

At the time of compiling this product file, the packaging information and the documentation as enclosed was believed to be up-to-date and the best possible information that could be obtained, directly or indirectly, from suppliers.

5. Normal And Foreseeable Use



1. IDENTIFICATION OF THE PRODUCT

Product name Formula code Issue date : Holi Color Powder

Red/Green/Blue/Orange/Pink/Yellow/Purple

: KOC-002 : 24-03-2016

2. NORMAL AND REASONABLE FORESEEABLE USE

Normal use : Powder products Colour powders fun article

Application : Topical

Foreseeable use :

3. ASSESSMENT FOR PACKAGING AND INSTRUCTIONS FOR USE

User group : Adults and children

Packaging : Pouch Volume : 70 /100 g

Instructions for use : ---

Mandatory warnings : ---

Recommended warnings : ---

Assessment : The packaging provides no reason for special hazards or deviating use.

6. Exposure to Cosmetic Product



1. IDENTIFICATION OF THE PRODUCT

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2. EXPOSURE TO THE PRODUCT

Product type : Leave-on

Area of application : skin/hair

Usage quantity of product : 8.0000 gram per application Usage frequency : 0.01 time(s) per day

Retention factor : 1.00

Exposed skin surface : 15670.00 cm2
Body weight : 60.00 kg
Exposure duration : hours

Percutaneous absorption : No data available for the cosmetic product

Foreseeable exposure routes : dermal/oral/inhalation

User group : Adults and children

3. REMARKS

Particle size : mean particle size 90 µm.

7. Exposure to the substances



1. IDENTIFICATION OF THE PRODUCT

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2. EXPOSURE TO THE SUBSTANCES

INCI name	Dermal absorption(%)	Log P(o/w)	Mol weight	SED (dermal) acute (mg/kg.bw/day)	SED (dermal) chronic (mg/kg.bw/day)
ZEA MAYS STARCH	100			78.865013	0.788650
TRICALCIUM PHOSPHATE	100		310,2	24.827160	0.248272
SODIUM CHLORIDE	100	-3,0	58,5	15.376523	0.153765
CI 45430; ACID RED 51	100	-0,29	879,9	2.493333	0.024933
CI 42090; ACID BLUE 9	0.6	-4,0000	792,8	0.014800	0.000148
CI 19140; ACID YELLOW 23	100	-10,17	534,36	2.466667	0.024667
CI 15985	1	-0,244	454,40	0.024667	0.000247
SODIUM BICARBONATE	100		84,02	2.253333	0.022533
METHYLPARABEN	84.7	1,98	152,16	0.214573	0.002146
SODIUM SULFATE	100	-3	142,04	0.007467	0.000075
SODIUM FERROCYANIDE	100	-0,25	303,91	0.000015	0.000000

Note: The listed SED is calculated with the absorption factor for oral exposure. When dermal exposure is used the absorption factor should be 100. Absorption factor used for SED calculation:

Dermal absorption	x%
Log Po/w > 6	1%
Polymer or MW > 5000	1%
MW > 1500	10%
MW > 500 and Log Po/w < -1 or > 4	10%



1. IDENTIFICATION OF THE PRODUCT

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2. ACUTE TOXICITY

INCI name	Dermal toxicity LD50 (mg/kg)	Species	Method	Oral toxicity LD50 (mg/kg)	Species	Method
ZEA MAYS STARCH						
TRICALCIUM PHOSPHATE	> 7940	Rabbit	Read across	> 5000	Rat	
SODIUM CHLORIDE	> 10000	Rabbit		3000	Rat	
CI 45430; ACID RED 51				1840	Rat	
CI 42090; ACID BLUE 9				> 5000	Rat	
CI 19140; ACID YELLOW 23				> 12000	Mouse	
CI 15985				> 2000	Rat	
SODIUM BICARBONATE				4220	Rat	
METHYLPARABEN				2100	Rat	OECD 401
SODIUM SULFATE				> 2000	Rat	OECD 423
SODIUM FERROCYANIDE	> 2000	Rat	OECD 402	> 5110	Rat	OECD 401



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2. PRIMARY IRRITATION

INCI name	Skin Irritation	Species	Method	Eye Irritation	Species	Method
ZEA MAYS STARCH						
TRICALCIUM PHOSPHATE	Non-irritant			Mildly irritant	Rabbit	
SODIUM CHLORIDE	Slightly irritant			Irritant		
CI 45430; ACID RED 51	Slightly irritant	Rabbit		Mildly irritant	Rabbit	
CI 42090; ACID BLUE 9	Non-irritant	Rabbit	OECD 404	Non-irritant	Rabbit	OECD 405
CI 19140; ACID YELLOW 23	Non-irritant	Rabbit		Non-irritant	Rabbit	
CI 15985	Non-irritant	Rabbit		Minimally irritant	Rabbit	
SODIUM BICARBONATE	Mildly irritant	Rabbit	OECD 404	Mildly irritant	Rabbit	
METHYLPARABEN	Slightly irritant			Slightly irritant	Rabbit	
SODIUM SULFATE	Non-irritant	Rabbit	OECD 404	Slightly irritant	Rabbit	OECD 405
SODIUM FERROCYANIDE	Non-irritant	Rabbit	OECD 404	Non-irritant	Rabbit	OECD 405



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2. SENSITIZATION

INCI name	Sensitization (ug/cm2)	Species	Method	Sensitization EC3 (%)	Species	Method
ZEA MAYS STARCH	Not sensitizing	Guinea pig	Read across			
TRICALCIUM PHOSPHATE	Not sensitizing	Mouse	Read across			
SODIUM CHLORIDE	Not sensitizing	Mouse				
CI 45430; ACID RED 51	Not sensitizing		Read across			
CI 42090; ACID BLUE 9	Not sensitizing	Human	Patch test	100	Mouse	OECD 429
CI 19140; ACID YELLOW 23	Not sensitizing	Guinea pig	OECD 406			
CI 15985	Not sensitizing	Guinea pig	Read across			
SODIUM BICARBONATE	Not sensitizing					
METHYLPARABEN	Not sensitizing	Guinea pig	Maurer optimization			
	-		test			
SODIUM SULFATE	Not sensitizing	Guinea pig	OECD 406			
SODIUM FERROCYANIDE	Not sensitizing	Guinea pig	OECD 406	Not sensitizing	Mouse	OECD 429
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1. IDENTIFICATION OF THE PRODUCT

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2. CHRONIC TOXICITY

INCI name	(Sub)Chronic dermal toxicity	Species	Method	Test Duration	(Sub)Chronic oral toxicity	Species	Method	Test Duration
ZEA MAYS STARCH								
TRICALCIUM PHOSPHATE					1000	Rat	OECD 422	28 d
SODIUM CHLORIDE					1330	Rat		90 d
CI 45430; ACID RED 51					> 60			
CI 42090; ACID BLUE 9					> 631	Rat		2 yr
CI 19140; ACID YELLOW 23					8103	Mouse		2 yr
CI 15985					16000	Mouse		1 yr
SODIUM BICARBONATE								
METHYLPARABEN					> 250	Rat	OECD 407	
SODIUM SULFATE					2000	Rat		28 d
SODIUM FERROCYANIDE					450	Rat	OECD 453	2 yr



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2. CHRONIC TOXICITY - CARCINOGENICITY

			(mg/kg.bw/d)		
ZEA MAYS STARCH					
TRICALCIUM PHOSPHATE					
SODIUM CHLORIDE			Not carcinogenic	Rat	OECD 453
CI 45430; ACID RED 51	Not carcinogenic	Mouse	Not carcinogenic	Rat	
CI 42090; ACID BLUE 9			Not carcinogenic	Rat	
CI 19140; ACID YELLOW 23			2641	Rat	
CI 15985					
SODIUM BICARBONATE			Not carcinogenic	Rat	
METHYLPARABEN	Not carcinogenic	Rat	Not carcinogenic	Rat	
SODIUM SULFATE			> 400	Rat	
SODIUM FERROCYANIDE					



1. IDENTIFICATION OF THE PRODUCT

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2. CHRONIC TOXICITY - MUTAGENICITY

INCI name	Mutagenicity	Species	Method
ZEA MAYS STARCH			
TRICALCIUM PHOSPHATE	Not mutagenic	Salmonella typhimurium	OECD 471
SODIUM CHLORIDE	Negative		OECD 471
CI 45430; ACID RED 51	Negative	Salmonella typhimurium	OECD 471
CI 42090; ACID BLUE 9	Negative	Salmonella typhimurium	OECD 471
CI 19140; ACID YELLOW 23	Negative	Salmonella typhimurium	OECD 471
CI 15985	Negative	Salmonella typhimurium	OECD 471
SODIUM BICARBONATE	Negative	Salmonella typhimurium	
METHYLPARABEN	Negative	Salmonella typhimurium	OECD 471
SODIUM SULFATE	Negative	Salmonella typhimurium	OECD 471
SODIUM FERROCYANIDE	Negative		OECD 471



1. IDENTIFICATION OF THE PRODUCT

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: KOC-002 : 24-03-2016

2. CHRONIC TOXICITY - REPROTOXICITY

INCI name	Reprotoxicity - fertility (mg/kg.bw/d)	Species	Method	Reprotoxicity - development (mg/kg.bw/d)	Species	Method
ZEA MAYS STARCH						
TRICALCIUM PHOSPHATE	1000	Rat	OECD 422			
SODIUM CHLORIDE						
CI 45430; ACID RED 51	> 800	Rat				
CI 42090; ACID BLUE 9	> 1000	Rat				
CI 19140; ACID YELLOW 23	Not reprotoxic	Rat				
CI 15985	500	Rat				
SODIUM BICARBONATE						
METHYLPARABEN						
SODIUM SULFATE	> 1000	Rat	OECD 421			
SODIUM FERROCYANIDE						

9. Undesirable health effects



1. IDENTIFICATION OF THE PRODUCT

Product name Formula code Issue date : Holi Color Powder

Red/Green/Blue/Orange/Pink/Yellow/Purple

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2. HEALTH RELATED COMPLAINTS

Total complaints (%) Health related Complaints / incidents

: 0

: 0% of marketed value

: None with medical follow up

None medically acknowledged as product / use

10. Information on the cosmetic product



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Product name Formula code Issue date : Holi Color Powder

Red/Green/Blue/Orange/Pink/Yellow/Purple

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2. OTHER INFORMATION		



Cosmetic Product Safety Report

PART B: COSMETIC PRODUCT SAFETY ASSESSMENT

Holi Color Powder Red/Green/Blue/Orange/Pink/Yellow/Purple (KOC-002)

Composed by INFO CARE BV by order of Kingdom of Colors BV, Mastwijkerdijk 108E, 3417 BT Montfoort, Nederland

Date of issue:

08-04-2016

INFO CARE B.V.

Drs. J.C.J. van Wegen

1. Assessment conclusion



1. IDENTIFICATION OF THE PRODUCT

: Holi Color Powder

Product name Formula code Issue date Red/Green/Blue/Orange/Pink/Yellow/Purple

: KOC-002 : 24-03-2016

2. GUIDELINESS OF SAFETY ASSESSMENT

This safety assessment is executed in conformity with the criteria as stipulated in article 10 of Regulation (EC) No 1223/2009 and SCCP guidelines for the safety assessment of cosmetic ingredients and/or products.

3. DESCRIPTION OF THE PRODUCT AND ITS APPLICATION

Product type : Cosmetics

Application : Topical

Usage quantity of product : 8.0000 gram per application Usage frequency : 0.01 time(s) per day

Instructions for use :

Mandatory warnings : ---

Recommended warnings : ---

4. COMPOSITION/INFORMATION OF THE COMPONENTS

In general :The product does not contain substances not permitted as meant in Regulation

EC No. 1907/2006 Annex XVII (CMR Cat. 1) or Regulation (EC) 1223/2009

Annex II

5. TESTS SUPPORTING THE SAFETY ASSESSMENT

Toxicological animal testing : Neither the finished product, nor its prototypes have been tested on animals.

See also Annex IV.

Toxicological tests using alternative methods : Not applicable.

6. INFORMATION

Ingredients : Supplier material safety data sheets, toxicological profiles and technical

information sheets of the components used. Public sources.

Directives : EC and National regulations on cosmetic products in particular Regulation (EC)

No 1223/2009.

Other : Recommendations from Colipa, SCCP, CIR and other public sources.

7. ASSESSMENT

Having regard to the physical, chemical and toxicological properties of the ingredients.

Having regard to the purpose, intended application and advised use.

Having regard to the expected exposure under normal and reasonable foreseeable conditions of use.

Having regard to the physical and chemical properties of the product.

Provided the formula and finished product are produced according to Cosmetic GMP standards, stable, properly preserved and not contaminated:

It is concluded that 'Holi Color Powder Red/Green/Blue/Orange/Pink/Yellow/Purple', given the present level of knowledge and our company's expert review, is unlikely to cause negative health effects to human under normal or reasonable foreseeable conditions of use.

Safety assessor : Ing. J.M. van de Hoef - van Veldhuizen

Date : 08 April 2016

Signature :

Safety assessor : Drs. J.C.J. van Wegen

Date : 08 April 2016

Signature :

8. REMARKS	
Disclaimer	: The statement is preliminary. In any case of significant adverse health effects on users during use, a renewed safety assessment should take place.
Additional comments	: Each and every change to the formula and/or its ingredients terminates the validity of this safety assessment.
Extra information	: For supervising authorities detailed information is available at INFO CARE BV, Tiberiusweg 9, 3453 KZ De Meern, Nederland or at PIF owner Kingdom of Colors BV, Mastwijkerdijk 108E, 3417 BT Montfoort, Nederland

2. Label information



1. IDENTIFICATION OF THE PRODUCT

Product name Formula code Issue date : Holi Color Powder

Red/Green/Blue/Orange/Pink/Yellow/Purple

: KOC-002 : 24-03-2016

2. LABEL

On the basis of article 19 of Regulation (EC) No. 1223/2009 the label shall carry the following elements:

Product name : Holi Color Powder Red/Green/Blue/Orange/Pink/Yellow/Purple

Company name : Kingdom of Colors BV Address : Mastwijkerdijk 108E

Place/Country : Montfoort

Telephone : +31-6 248 14331

Country of origin : India

Product use : Colour powders (fun article)

Contents : g Weight (g) : 100

Batch code : Mandatory

Date of minimum durability :

√ 36 M

Ingredient declaration : See 'INCI declaration'

The ingredient declaration is to start with the wording `Ingredients:`. Ingredients present in quantities of more than 1% need to be mentioned in descending order. Ingredients present in concentrations of less than 1% can be mentioned

in random order

Required storage : Not applicable

3. INCI DECLARATION

ZEA MAYS STARCH

TRICALCIUM PHOSPHATE

SODIUM CHLORIDE

CI 45430

CI 42090

CI 19140

CI 15985

SODIUM BICARBONATE SODIUM FERROCYANIDE

METHYLPARABEN

4. ARTWORK AND PRODUCT PHOTO

Artwork

Product photo

5. MISCELLANEOUS LABEL ELEMENTS

For products sold in Germany : and/or Austria



minimum dimensions 6x6 mm

For products sold in France and/or Belgium



minimum dimensions 6x6 mm

3. Reasoning

1. IDENTIFICATION OF THE PRODUCT

: Holi Color Powder

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2. PRINCIPLES OF SAFETY ASSESSMENT

The following endpoints have been assessed in accordance with the notes of guidance of the SCCS and the requirements laid down in the Cosmetics Regulation: acute and sub-chronic toxicity for the relevant routes of exposure, phototoxicity, teratogenicity, mutagenicity and carcinogenicity, skin and inhalation sensitisation where applicable and skin and eye irritation.

The evaluation is based on normal or reasonably foreseeable conditions of use. Misuse or use other than intended by for example deliberately swallowing or inhaling is not the primary subject to this assessment.

The user group consists of adults and children. Without special health or age characteristics.

3. INITIAL HAZARD ASSESSMENT

Product name : Holi Color Powder Red/Green/Blue/Orange/Pink/Yellow/Purple

Formula code : KOC-002

Initial hazard review : See table 'Initial hazard assessment' for the presence of hazardous substances

and restrictions in the Annex of regulation (EC) No 1223/2009.

Assessment : The product does not contain raw materials, which are not permitted in the

sense of Regulation (EC) No 1223/2009.

The product does not contain ingredients, which are not permitted in the sense

of Regulation (EC) No 1223/2009.

4. ASSESSMENT FOR PACKAGING AND INSTRUCTIONS FOR USE

User group : Adults and children

Packaging : Pouch

Application : Colour powders (fun article)

Instructions for use : .---

Recommended warnings : ---

Assessment : The packaging provides no reason for special hazards or deviating use.

5. EXPOSURE

Usage quantity of product : 8.0000 gram per application Usage frequency : 0.01 time(s) per day

Rentention factor : 1.00

Exposed skin surface : 15670.00 cm2 Body weight : 60.00 kg

Systemic exposure dose (SED): The SED is calculated as follows:

SED = (A (mg/day) * C (%) / 100 * DAp (%) / 100) / BW (kg)

A = Estimated daily exposure to a cosmetic product

C = Concentration of substance in the

product DAp = Dermal absorption

BW = Body weight

The SED is calculated according to the SCCS's Notes of Guidance, 8th

revision, 2012

For specific baby products the body weight is 6,2 kg* otherwise 60 kg is used.

* H.J. Bremmer, L.C.H. Prud'Homme de Lodder, J.G.M. van Engelen,

Cosmetics Fact Sheet, RIVM, 2006

6. MARGINS OF SAFETY

Margin of safety calculation : The Margin of Safety (MoS) is calculated as follows:

MoS = NOAEL / SED

In case of a 28 days NOAEL an extra factor 3 is applied.

Margins of safety: See table 'Toxicological Evaluation - Margins of Safety'.

MoS discussion : Safety motivation(s) for substances for which MoS calculations for one or more

toxicological end points are indecisive and for which expert reviews by e.g.

SCCS, CIR, EFFA/IFRA miss:

CI 15985

Within limits Annex IV/31, purity conform criteria E 110.

CI 45430; ACID RED 51

Within limits Annex IV/80, purity conform criteria E 127.

CI 19140; ACID YELLOW 23

Within limits Annex IV/44, purity conform criteria E102.

CI 42090; ACID BLUE 9

Within limits Annex IV/63, purity conform criteria E 133.

During use of the colour powder there is a possibility of inhalation. The mean particle size of the powders is about 90 um, respiration is therefore unlikely. Inhalation may however result in coughing and irritation. Inhalation of the powders results in an exposure not very different from oral exposure. Given the application, the use is incidental with relative concentrated use, acute toxicity is a more realistic saftey indicator than repeated exposure. The saftey for oral and dermal acute exposure provides no reason for concern.

4. Initial hazard assessment



1. IDENTIFICATION OF THE PRODUCT

Product name Formula code Issue date

: Holi Color Powder Red/Green/Blue/Orange/Pink/Yellow/Purple

: KOC-002 : 24-03-2016

2. INITIAL HAZARD ASSESSMENT

INCI name	R-Phrases		Limitations in cosmetics	Warning on cosmetics
ZEA MAYS STARCH		1223/2009		
TRICALCIUM PHOSPHATE				
SODIUM CHLORIDE			Net allowed in beinders. Double suitable as ask	
CI 45430; ACID RED 51		II/1337; IV/80	Not allowed in hairdyes. Purity criteria as set	
OL 40000 A OLD BLUE 0			out in Commission Directive 95/45/EC (E127)	
CI 42090; ACID BLUE 9		III/190; IV/63	III: Max. 0,5% as hair dye substance in	
			nonoxidative hair dye products IV: Purity	
			criteria as set out in Commission Directive	
			95/45/EC (E 133)	
CI 19140; ACID YELLOW 23		III/189; IV/44	III: max. 0,5% as hair dye substance in	
			nonoxidative hair dye products IV: Purity	
			crieteria as set out in Commission Directive	
			95/45/EC (E102)	
CI 15985		IV/31	Purity criteria as set out in Commission	
			Directive 95/45/EC (E 110)	
SODIUM BICARBONATE				
METHYLPARABEN		V/12	Max. 0,4 % (as acid) for single ester, max. 0,8	
			% (as acid) for mixtures of esters.	
SODIUM SULFATE				
SODIUM FERROCYANIDE				

Toxicological evaluation - Margins of Safety



1. IDENTIFICATION OF THE PRODUCT

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2. MARGINS OF SAFETY

INCI name	Acute dermal toxicity		(Sub)Chronic (Sub)Chronic dermal toxicity oral toxicity	Skin sensitisation	Mutagenicity	Genotoxicity C (in vivo)	arcinogenicity R (Dermal)	eprotoxicity (fertility)	Reprotoxicity (development)	Carcinogenicity (Oral)
CI 15985 SODIUM FERROCYANIDE METHYLPARABEN TRICALCIUM PHOSPHATE SODIUM CHLORIDE	LD50 missing 133214920 LD50 missing LD50 missing	811 340364121 8289 201	NOAEL missing 648649 NOAEL missing 2997335702 NOAEL missing 32763 NOAEL missing 1341 NOAEL missing NOAEL missing		Negative Negative Not mutagenic I		NOEL missing		217105	NOEL missing NOEL missing NOEL missing
CI 42090; ACID BLUE 9 CI 45430; ACID RED 51 CI 19140; ACID YELLOW 23	LD50 missing LD50 missing LD50 missing	2027 738 4865	NOAEL missing 25581	44115991 NOEL missing No evidence	Negative	81081 NOEL missing No evidence	NOEL missing	40541 32086 No evidence	No evidence NOAEL missing 40541	No evidence
ZEA MAYS STARCH SODIUM SULFATE SODIUM BICARBONATE	LD50 missing LD50 missing LD50 missing	LD50 missing 267857 1873		No evidence	Negative	NOEL missing NOEL missing NOEL missing	NOEL missing	NOAEL missing 13392857 NOAEL missing	37500000	NOEL missing 5357143 No evidence

Toxicological evaluation - Safety Assessment



1. IDENTIFICATION OF THE PRODUCT

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: KOC-002 : 24-03-2016

2. SAFETY ASSESSMENT

INCI name		Acute dermal toxicity	(Sub)Chronic dermal toxicity	Skin Sensitisation	Mutagenicity	Carcinogenity	Reprotoxicity (fertility)	Reprotoxicity (development)	INFO CARE Expertise	Assess- ment	Conclusion
SODIUM FERROCYANIDE		133214920	> 1000	No evidence	NOEL missing	Negative	NOAEL missing	> 1000			Safe
SODIUM SULFATE		> 1000	> 1000	No evidence	> 1000	Negative	> 1000	> 1000			Safe
CI 15985	No	> 1000	> 1000	No evidence	NOEL missing	Negative	> 1000	> 1000		Reviewed	Safe
CI 45430; ACID RED 51	No	> 100	> 1000	No evidence	No evidence	Negative	> 1000	NOAEL missing		Reviewed	Safe
METHYLPARABEN	Yes	> 1000	> 1000	No evidence	No evidence	Negative	NOAEL missing	> 1000			Safe
SODIUM BICARBONATE		> 100	NOAEL missing	No evidence	No evidence	Negative	NOAEL missing	> 1000			Safe
CI 19140; ACID YELLOW 23	No	> 1000	> 1000	No evidence	> 1000	Negative	No evidence	> 1000		Reviewed	Safe
CI 42090; ACID BLUE 9	No	> 1000	> 1000	> 300	No evidence	Negative	> 1000	No evidence		Reviewed	Safe
SODIUM CHLORIDE		650	> 1000	No evidence	No evidence	Negative	NOAEL missing	NOAEL missing			Safe
TRICALCIUM PHOSPHATE		> 100	> 100	No evidence	NOEL missing	Not mutagenic	> 1000	> 1000			Safe
ZEA MAYS STARCH		LD50 missing	NOAEL missing	No evidence	NOEL missing	Missing	NOAEL missing	NOAEL missing			Safe

ANNEX I: CV Safety Assessor



1. SAFETY ASSESSOR

Name : Ing. J.M. van de Hoef - van Veldhuizen

Position : Senior Cosmetic Safety Officer

Company : INFO CARE B.V. Telephone : +31 30 6620235

2. QUALIFICATION

Training and Education : Bachelor degree in organic and analytical/physical chemistry, Hogere

Laboratoriumschool Amersfoort, 1987 Diploma in Cosmetic Science, Society of Cosmetic Scientists, 1992 10 Years experience in product development of cosmetic products and experience in consumer product legislation as from

1998.

Memberships : NVCC (Dutch Association for Cosmetic Chemists)

Other :

3. COMPANY PROFILE

Company name : INFO CARE B.V.

Address : Tiberiusweg 9

3453 KZ DE MEERN.

Telephone : +31 30 6620235 Fax : +31 30 6620236

E-mail : cvandehoef@info-care.nl

Website : www.info-care.nl

Founded : 01-01-1999

Core business : Consultancy in safety and regulatory affairs with regard to dangerous

substances, dangerous preparations and cosmetics

ANNEX I: CV Safety Assessor



1. SAFETY ASSESSOR

Name : Drs. J.C.J. van Wegen

Position : General Manager

Company : INFO CARE B.V. Telephone : +31 30 6620235

2. QUALIFICATION

Training and Education : University degree in Organic Chemistry with a specialisation in organo-

metallic chemistry, University of Utrecht, February 1989. Safety Assessment of Cosmetics in the EU, University of Brussels, April 2002. Experience in product development of consumer products and consumer product legislation as from

1991.

Memberships : NAV (Dutch Aerosol Association) NCV (Dutch Cosmetics Association) NVCC

(Dutch Association for Cosmetic Chemists) SEPAWA (Dutch Branch of German

Seife Parfum und Wachse Association)

Other : Trainer at 'Product Development in Cosmetics', PAON, February 2003. Trainer

for SBA - Aromtherapie (Helicon opleidingen), 2005, resp. 2006 Trainer at

'Cosmetica: Wetgeving & Veiligheidsbeoordeling', NCV 2011.

3. COMPANY PROFILE

Company name : INFO CARE B.V.

Address : Tiberiusweg 9

3453 KZ DE MEERN,

Telephone : +31 30 6620235 Fax : +31 30 6620236

E-mail : jvanwegen@info-care.nl

Website : www.info-care.nl

Founded : 01-01-1999

Core business : Consultancy in safety and regulatory affairs with regard to dangerous

substances, dangerous preparations and cosmetics

3. Method of manufacture and a statement of GMP compliance



1. IDENTIFICATION OF THE PRODUCT

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: KOC-002 : 24-03-2016

2. MANUFACTURING METHOD

No documents attached.

3. GMP COMPLIANCE

See enclosed.

4. Proof of effect for the product



1. IDENTIFICATION OF THE PRODUCT

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2. CLAIMS

No claims for this product.

5. Data on animal testing



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2. ANIMAL TESTING ON COSMETIC PRODUCT

Tests on finished product : None.

Tests on prototype(s) : None.

3. ANIMAL TESTING ON RAW MATERIALS

Tests on raw materials : To the best of our knowledge this product does not contain substances which

are tested on animals to prove the safety in use in cosmetic applications.