1 Antigonis str 14451 Metamorfosis, Athens, Greece

# SAFETY ASSESSMENT

According to EC Regulation 1223/2009

### **PURE LUXURY SOAP 30G**

Formula Ref.: SFO1042

MING FAI INDUSTRIAL CO., LTD.

## MING FAI INDUSTRIAL CO., LTD.

# SAFETY EVALUATION OF FINISHED COSMETIC PRODUCT ACCORDING TO

### ANNEX I OF (EC) REGULATION 1223/2009

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### MING FAI INDUSTRIAL CO., LTD.

### PART A- COSMETIC PRODUCT SAFETY INFORMATION

 QUANTITATIVE AND QUALITATIVE COMPOSITION OF THE COSMETIC PRODUCT

Product Name: PURE LUXURY SOAP 30G

Manufacturer Ming Fai Enterprise International Co., Ltd.

STUDY PERIOD January 2018 QACS LAB ID 17 06 01071

Product Category BATH SOAP (BATHING, SHOWERING)

#### TABLE I. FORMULA PROVIDED

RAW MATERIAL TRADE NAME	INCI	CAS No.	%	FUNCTION
	SODIUM PALMATE	61790-79-2	67.800000000	CLEANSING, EMULSIFYING, SURFACTANT, VISCOSITY CONTROLLING
	SODIUM PALM KERNELATE	61789-89-7	16.950000000	CLEANSING, EMULSIFYING, SURFACTANT, VISCOSITY CONTROLLING
	AQUA	7732-18-5	12.000000000	SOLVENT
SOAP NOODLE KSN8800	GLYCERIN	56-81-5	0.500000000	DENATURANT, HAIR CONDITIONING, HUMECTANT, PERFUMING, SKIN PROTECTING, VISCOSITY CONTROLLING
	PALMITIC ACID	57-10-3	0.500000000	EMOLLIENT, EMULSIFYING
	SODIUM CHLORIDE	7647-14-5	0.500000000	BULKING, MASKING, ORAL CARE, VISCOSITY CONTROLLING
	SODIUM GLUCONATE	527-07-1	0.300000000	CHELATING, SKIN CONDITIONING
PALMERA REFFINED GLYCERINE USP 99.5% LIQUID (PALMERA G995U)	GLYCERIN	56-81-5	1.000000000	DENATURANT, HAIR CONDITIONING, HUMECTANT, PERFUMING, SKIN PROTECTING, VISCOSITY CONTROLLING
TITANIUM DIOXIDE	TITANIUM DIOXIDE (CI 77891)	13463-67-7	0.200000000	COSMETIC COLORANT, OPACIFYING
HAPPYCREATIONS FRAGRANCES CO., LTD / BT55909	PARFUM	N/A	0.250000000	DEODORANT, MASKING, PERFUMING

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## 2. PHYSICAL/CHEMICAL CHARACTERISTICS AND STABILITY OF THE COSMETIC PRODUCT

- Supplier's specifications for each raw material have been reviewed (Safety and Technical Data Sheets, MSDS and TDS).
- Specifications of Final Product: Have been reviewed.

Appearance: Opaque solid

Color: White

Odor: Characteristic PH: N/A (solid soap)
Viscosity: N/A (solid soap)

- Stability of The Product: Has been reviewed (manufacturer).

#### 3. MICROBIOLOGICAL QUALITY

Microbiological Quality: The product, due to its type (solid soap bar) and the low water activity / certain pH values, is unlikely to present, under normal production conditions, any kind of bio burden.

Challenge Test: As described above (MICROBIOLOGICAL QUALITY), microbial growth is prevented in this type of product, thus a challenge-test is not required (ISO 29621:2010).

## 4. IMPURITIES, TRACES, INFORMATION ABOUT THE PACKAGING MATERIAL

- Regarding any traces and impurities from the raw materials please refer to Table I of section 1 Quantitative and qualitative composition of the cosmetic product and section 8. Toxicological Profile of the Substances.
- Properties of Packaging Material: According to the presentation and the formula of the product, package is considered unlikely to affect its purity and stability.

Type of packaging materials: Paper.

- Production Method: Has been reviewed.
- G.M.P. Compliance:

Certification Body: INTERTEK. Certification Number: SZ1507C2 - Date of Issue: Jul 27, 2015. Date of Renewal: July 26, 2018.

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### 5. NORMAL AND REASONABLY FORESEEABLE USE

The product is applied on the hands and body and it is rinsed off. External use only.

#### 6. EXPOSURE TO THE COSMETIC PRODUCT

The product is applied on the hands and body, it is rinsed off and it can be considered taking into account guidelines from SCCS/1564/15 opinion as a soap similar in use with a hand wash soap and shower gel (combined) with an estimated daily amount applied 38.67 g and a calculated relative daily exposure 6.12 mg/Kg bw/day.

Target Group for Use: Adults

#### 7. EXPOSURE TO THE SUBSTANCES

Please refer to Table I of section 1. 1. Quantitative and qualitative composition of the cosmetic product

#### 8. TOXICOLOGICAL PROFILE OF THE SUBSTANCES

- The product itself has not been tested on animals (Article 18).

#### MSDS TOXICOLOGICAL REVIEW:

Respiratory: Not required for consumer use of this product. Inhalation exposure is

not applicable for this type of product.

Skin : This product is unlikely to be sensitizing to human skin. It is not

expected to produce allergy by skin contact, except the cases of people with known allergic reaction in the specific allergens referred on the label. The absorption through the skin is considered limited.

Eye : As with any material contacting the eye its accidental exposure may

result in slight eye irritation.

Ingestion : Although some ingredients used in the manufacture of this product

are considered hazardous on an individual basis, the final formulation of this product is considered non-hazardous, under foreseeable use.

All information available refers to the relevant MSDS of each raw material that takes part in the formula of the product. The specific ingredients that have been chosen for the production of this product have been used for years, for same products, without any known toxicity problems, under foreseeable conditions of use.

- Especially for 'hazardous' raw materials (substances under restrictions listed in the Annexes i.e. Annex II-Substances Prohibited in Cosmetic Products, Annex III-Substances Which Cosmetic Products Must Not Contain Except Subject to the

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Restrictions, Annex IV-Colorants Allowed, Annex V-Preservatives Allowed and Annex VI-UV Filters Allowed ) there are already limits in legislation.

- There are no data for evaluation in the product of any impurities of the substances and raw material used.
- There is no evidence from the formula of the product for interaction of substances.
- There are no plant-derived raw materials (e.g. extracts, oils, waxes, etc.) in the formula (it is acknowledged that the product contains ingredients such as Sodium Palmate & Sodium Palm Kernelate which are produced from processing of plant-derived oils, however according to the literature those ingredients are not suspected to contain allergen ingredients).
- It contains the permissible colorant / opacifying agent **Titanium Dioxide (CI 77891)\*** which is allowed for use in cosmetics in the EU according to the REGULATION (EC) No 1223/2009. The producer <u>must ensure that every batch of that colorant used for the production of this product is in conformity with EU legislation</u>. Cosmetic colorants must pass purity criteria as set out in Commission Directive 95/45/EC (and its subsequent legislative replacements) or specific purity criteria as set by REGULATION (EC) No 1223/2009 (see ANNEX IV LIST OF COLORANTS ALLOWED IN COSMETIC PRODUCTS).
- \* According to the recently presented declaration of the raw material manufacturer (KRONOS INTERNATIONAL, Inc.), the ingredient **Titanium Dioxide (CI 77891)** shouldn't be considered as nanomaterial.
- Based on current Cosmetic legislation 1223/2009, MoS must be calculated for every ingredient according to the relevant NOAEL.

For ingredients <u>without</u> NO(A)EL values and total lack of safety reference, the calculation below is a 'worst case approach', where, taking under consideration the pure <u>maximum</u> concentrated material of the formula, the <u>minimum</u> NO(A)EL (oral) is calculated, according to the Estimated daily exposure (A) of the product (§ 1.6).

In this way 'dangerous' ingredients are considered only those with 'hypothetical' NO(A)EL values lower than the <u>minimum</u> NO(A)EL calculated value and concentrations, even not greater than the pure <u>maximum</u> concentrated material, but able to result (under Safety calculation) in MoS<100.

The combination above is statistically difficult to yield in MoS<100 as:

- 1. The existence in calculations of the <u>maximum</u> concentrated material of the formula (without NOAEL), minimizes the possibilities of any other material to be so potent (in view of a NO(A)EL value),
- 2. In this approach the calculation of the <u>minimum</u> NO(A)EL, is usually lower than 1000 mg/Kg bw/day, depending on the type of the product. The <u>minimum</u> NO(A)EL values at these levels can be found only in ingredients like <u>biocides/preservatives</u> (i.e. <u>Phenoxyethanol</u> 500 mg/Kg bw/day or <u>Methyl Paraben</u> 1000 mg/Kg bw/day (SCCP/0125/99 & SCCP/0873/05 respectively).

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3. Ingredients with low NO(A)EL values (<1000 mg/Kg bw/day) are very well defined in toxicological literature and there are exact data that have already been taken into consideration for calculation of the relevant MoS.

### Calculation of the 'Worst Case Approach':

MoS= NO(A)EL / SED > 100, With:

SED (mg/kg bw/day) = Systemic Exposure Dosage

A (mg/kg bw/day) = Estimated daily exposure to a cosmetic product per kg body weight, based upon the amount applied and the frequency of application (6.12).

C (%) = the Concentration of the ingredient under study in the finished cosmetic product on the application site (here <u>Sodium Palmate 67.8%</u>),

**DAp** (%) = Dermal Absorption expressed as a percentage of the test dose assumed to be applied in real-life conditions (100%).

**SED** = A (mg/kg bw/day) x C (%)/100 x DAp (%)/100=  $6.12 \times 67.8/100 \times 1= 4.1494$  mg/kg bw/day

- The <u>minimum</u> NO(A)EL, according to the above suggested calculations (SCCS/1564/15) for the pure maximum concentrated ingredient should be:

All MoS calculations of Table II take into account an oral bioavailability of 50% of an orally administered dose (systemically available).

<u>Minimum</u> NO(A)EL= MoS x SED / 2 = 100 \* 4.1494 / 2 = 207.47 extrapolated to 208 mg/Kg bw/day and is satisfactory. (Acceptable minimum NO(A)EL <1000 mg/Kg bw/day)

**Conclusion:** It is unlike for the ingredients of the specific formula, without NO(A)EL values and total lack of safety reference, to present NO(A)EL values lower than the <u>minimum</u> NOA(E)L calculated according to the 'Worst Case Approach' and consequently, with present concentrations, to yield in MoS<100.

The 'worst case approach' is in compliance with Annex I, point 8: "All significant toxicological routes of absorption shall be considered as well as the systemic effects and margin of safety (MoS) based on a no observed adverse effects level (NOAEL) shall be calculated. The absence of these considerations shall be duly justified."

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The following table includes the relevant available NOAEL and MoS calculated for each ingredient of the formula.

TABLE II.

I ABLE II.				
INCI	%	NOAEL (mg/Kg bw/day)	MoS	NOAEL/SAFETY REFERENCE
SODIUM PALMATE	67.8	RECOGNIZED AS SAFE	N/A	The 2011 Cosmetic Ingredient Review Expert Panel concluded that the 244 plant-derived fatty acid oils included in this review are safe in the present practices of use and concentration described in this safety assessment: Final Report on "Plant-Derived Fatty Acid Oils as Used in Cosmetics", March 4, 2011online.personalcarecouncil.org/ctfa-static/online/lists/cir/FR577.pdf  UP TO 68%
SODIUM PALM KERNELATE	DDIUM PALM SERNELATE  16.95  RECOGNIZED AS SAFE  N/A  ratio concluded included practices of safety assistants. Fatty Acc 2011c		N/A	The 2011 Cosmetic Ingredient Review Expert Panel concluded that the 244 plant-derived fatty acid oils included in this review are safe in the present practices of use and concentration described in this safety assessment: Final Report on "Plant-Derived Fatty Acid Oils as Used in Cosmetics", March 4, 2011online.personalcarecouncil.org/ctfa-static/online/lists/cir/FR577.pdf UP TO 44%
AQUA			N/A	-
GLYCERIN	1.5	2000	10893	http://www.inchem.org/documents/sids/sids/56815.p df, http://www.cir- safety.org/sites/default/files/glycer_092014_Tent.pdf baby products 2-21% Incidental ingestion 2-68.6%
PALMITIC ACID	0.5	750 (SEE ACROSS DATA)	12255	"The available toxicological data demonstrates that fatty acid salts are neither genotoxic, mutagenic or carcinogenic, nor was there any evidence of reproductive toxicity (except at very high exposure levels) or developmental or teratogenic effects in animals. In addition, the fatty acids and their salts have a long history of safe use in foods. Further evidence of their safe use in foods is the GRAS status of several of the fatty acids. The WHO also set an unlimited ADI for the salts of myristic, palmitic and stearic acids and stated that myristic, palmitic and stearic acid and their salts are normal products of the metabolism of fats. Their metabolic fate after absorption is well established. Provided the contribution of the cations does not add excessively to the normal body load, which would not be the case following exposure to fatty acid salts in household cleaning products, then there is no reason to consider these substances more hazardous than dietary fatty acids." www.heraproject.com//5-HH-04-

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				HERA%20Fatty%20acid%20salts% 20HH%20web% (Fatty Acid Salts Human Health Risk Assessment, par 5.3.1.6 & 5.4), up to 10% for eyeshadow http://online.personalcarecouncil.org/ctfastatic/online/lists/cir-pdfs/pr161.pd up to 25%, JACT 6(3):321-401, 1987 confirmed 06/05
SODIUM CHLORIDE	0.5	56400	921569	http://www.epa.gov/dfe/pubs/pwb/ctsa/ch3/ch3- 3.pdf
SODIUM GLUCONATE	0.3	>500	>13617	http://www.inchem.org/documents/sids/sids/glucona tes.pdf
PARFUM	0.25	N/A	N/A	-
TITANIUM DIOXIDE (CI 77891)	0.2	ANNEX IV (COLORANT USE), 375	15319	SCCNFP/0005/98

#### **ALLERGEN FACTORS:**

• Allergens in the final product (determined by analysis): (An allergen is declared on the label when its concentration in the final preparation is >0.01%)

No data available

• Allergens from the perfume (HAPPYCREATIONS FRAGRANCES CO., LTD / BT55909):

Allergens > 0.01% - to be declared on the labelling	% w/w
Hexyl Cinnamal	0.021000
Linalool	0.012500
Butylphenyl Methylpropional *	0.009844*

Allergens >0.1%:

None

• Allergens from plant-derived raw materials (extracts, oils, waxes etc) at concentration >0.01% in the final preparation:

According to the provided formula the product does not contain directly added plant-derived raw materials.

The SCCS is of the opinion that for substances identified as posing a high risk to the consumer and for which no individual thresholds could be derived (Table 13-5), the general **threshold of 0.01**% would limit the problem of fragrance allergy in the consumer significantly (for this product: **Linalool**).

- There are no detailed data for **all** allergens existing in the perfume (opinion 1459/11, Conclusions-question 1).

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- The corrections regarding allergens must be performed as soon as the perfume manufacturer will supply the relevant data as well as the EC gives final guidelines on the subject.
- **N.B.:** \* The concentration of the ingredient Butylphenyl Methylpropional marginally approaches the threshold of 0.01%. Because even small variations in the composition of the perfume may lead the concentration of that ingredient to exceed 0.01% in the final preparation, that ingredient is advised to be indicated on the product labelling.

N.B.: As far as it concerns Butylphenyl Methylpropional acknowledged here <0.01%, according to SCCS/1540/14 which has been finalized at present time along with the Revision issued on 16 March 2016: "The SCCS is of the opinion that BMHCA is not safe for use as fragrance ingredient in cosmetic leave-on and rinse-off type products, neither at concentration limits according to the ones set up by IFRA in 2013 (MoS = 3.6) nor at concentration limits as set up by IFRA in the revised proposal that has been submitted in 2015 belatedly (MoS = 53). In addition, no firm conclusion could be drawn on mutagenicity. BMHCA poses a risk of inducing skin sensitisation in humans. During the commenting period the applicant commented on the maximum use levels of BMHCA in the finished cosmetic product types. Also further information on genotoxicity was provided. It was also proposed to initiate an in vitro study on dermal penetration of 14CBMHCA through human skin OECD reassessment (according TG 428). Α of 2-(4-tert-butylbenzyl) propionaldehyde (BMHCA) based on the new data is foreseen."

SCCS/1540/14 opinion: Revision of opinion on Butylphenyl Methylpropional, 16 March 2016 pages 41-45: (second IFRA submission data) 3300 MoS for 0.1% in SHOWER GEL / BATH PRODUCTS individually assessed; hence here at the given limit it remains possibly within "safety region" individually. As further considerations or outcome of the opinion for the aggregate exposure might raise leading to industry & regulation restrictions, the matter must be closely followed while a reformulation is recommended to be in place to avoid the allergen presence.

#### 9. UNDESIRABLE EFFECTS AND SERIOUS UNDESIRABLE EFFECTS

Not known or reported.

#### 10. INFORMATION ON THE COSMETIC PRODUCT

- Patch Test: Satisfactory (Non irritant QACS Ltd).
- Other Tests: Four Heavy Metals test (QACS Ltd).
- Literature Data: Not Applicable.

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#### PART B- COSMETIC PRODUCT SAFETY ASSESSMENT

Product Name PURE LUXURY SOAP 30G

Product Category BATH SOAP (BATHING, SHOWERING)

Name and Address of Responsible Person\*

Company Name Alliance National

Address -Tel -Fax -

URL www.alliancenational.co.uk

e-mail -

\*note: (unique EU organization declared as distributor on label)

Name and Address of Product Manufacturer

Company Name Ming Fai Enterprise International Co., Ltd.
Address Bainikeng, Pinghu, Longgang, Shenzhen, China

Tel -Fax -URL e-mail -

Name and Address of Product Producer

Company Name Ming Fai Industrial (Shenzhen) Co., Ltd.

Address Bainikeng, Pinghu, Longgang, Shenzhen, China

Tel Fax URL e-mail -

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#### 1. ASSESSMENT CONCLUSION

The product is considered **safe** for human health when used under normal or reasonably foreseeable conditions of use.

#### 2. LABELLED WARNINGS AND INSTRUCTIONS OF USE

- Producer's data have been reviewed. There is no need for further instructions of the use as this is clear to the consumer from its presentation.
- The container and packaging of the cosmetic product must bear all the necessary information in indelible, easily legible and visible lettering according to Article 19 of the Regulation (EC) No 1223/2009 (e.g. date of minimum durability).
- The presentation of the cosmetic product and in particular its form, odour, colour, appearance, packaging, labelling, volume or size does not endanger health and safety of consumers due to confusion with foodstuffs, in accordance with Council Directive 87/357/EEC of 25 June 1987 on the approximation of the laws of the Member States concerning products which, appearing to be other than they are, endanger the health or safety of consumers.
- All ingredients referred in the formula and the MSDS of the raw materials should be written on the label with their correct INCI names in descending order (see Table II). Ingredients in concentrations of less than 1 % may be listed in any order after those in concentrations of more than 1 %. The labelling must follow Article 19 of regulation 1223/2009.

**SUGGESTION:** According to the Regulation (EC) No 1223/2009 only cosmetic products for which a legal or natural person is designated within the Community as 'responsible person' shall be placed on the market. For each cosmetic product placed on the market, the responsible person shall ensure compliance with the relevant obligations set out in this Regulation. Cosmetic products shall be made available on the EU market only where the container and packaging of cosmetic products bear **the name or registered name and the address of the responsible person** in indelible, easily legible and visible lettering. If several addresses are indicated, the one where the responsible person makes readily available the product information file shall be highlighted.

#### Claim support:

- All claims on the label should be in compliance with Regulation (EU) 655/2013 and the guidelines to this Regulation.
- A Dermatological in vivo test (cutaneous irritancy test-patch test) has been performed with satisfactory results (Non Irritant QACS Ltd). Based on these results the claim 'Dermatologically tested' can be referred on the label, even though the number of volunteers is not statistically significant.

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#### 3. REASONING

Taking under consideration

- The composition of the product
- The physicochemical properties of the raw material contained in the final product
- The manufacturing process of the product
- The microbial purity of the raw materials and final product.
- Impurities -Traces in the final product or substances
- Properties of packaging material
- The preservation efficacy of the final product.
- The chemical structure and toxicological properties of the raw materials
- Studies on human volunteers / relevant literature.
- The level of exposure of the consumer to the final product
- Data on documented undesirable effects to the product (no such data reported/available)
- · Labelled warnings & instructions of use

Additionally the Product Manufacturer / Responsible person is aware of the following:

- All necessary measurements have been followed for the product to comply with the article 18 (Animal testing) of Regulation 1223/2009.
- All colouring agents whose number is preceded by the letter 'E' in accordance with the EEC Directive of 1962 concerning foodstuffs and purity criteria as set out in Commission Directive 95/45/EC (ANNEX IV)
- The Responsible person / Product manufacturer is responsible for the accuracy of primary information contained in the product dossier.
- For each cosmetic product placed on the market, the responsible person shall ensure compliance with the relevant obligations set out in the Articles 4 and 5 of Regulation 1223/2009.
- This safety assessment relates to the information received up until the date the assessment was performed.

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All information provided by the technical dossier may be used, for any legal purpose within the EU, and according to the best current scientific knowledge, the product fulfils the requirements for safety for the consumers, under conditions of normal use, as long as data contained will be updated in accordance with the <a href="SUGGESTIONS">SUGGESTIONS</a> (regarding safety) mentioned above and the guidelines of the current Regulation 1223/2009.

In the case that any complaint is communicated to the Responsible person and/or Product manufacturer or there are any alterations in the information regarding the product these should be also taken into the consideration of the signatory of this certificate.

#### 4. ASSESSOR'S CREDENTIALS AND APPROVAL OF PART B

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EDUCATION: CHEMIST MSc,

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DATE: 10/01/2018

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ERPA Member
EC, Scientific Advisor on Risk Assessment

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#### **FORMULA PROVIDED**



## **Ingredients of Pure Luxury Soap**

Sample No:ST-10198 Formula No:SFO1042

Item	INCI Name Dosage(%) w/w as active		CAS.NO
1	Sodium Palmate	67,8000000	61790-79-2
2	Sodium Palm Kernelate	16,9500000	61789-89-7
3	Aqua	12,0000000	7732-18-5
4	Glycerin	1,5000000	56-81-5
5	Palmitic Acid	0,5000000	57-10-3
6	Sodium Chloride	0,5000000	7647-14-5
7	Sodium Gluconate	0,3000000	527-07-1
8	Titanium Dioxide	0,2000000	13463-67-7
9	Parfum	0,2165000	
10	Hexyl Cinnamal	0,0210000	101-86-0
11	Linalool	0,0125000	<b>78-70-6</b>

Remark: This ingredient list is issued by Ming Fai R&D department and is a property of Ming Fai.

date:2016/7/12

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## **Manufacturing Process of Pure Luxury Soap**

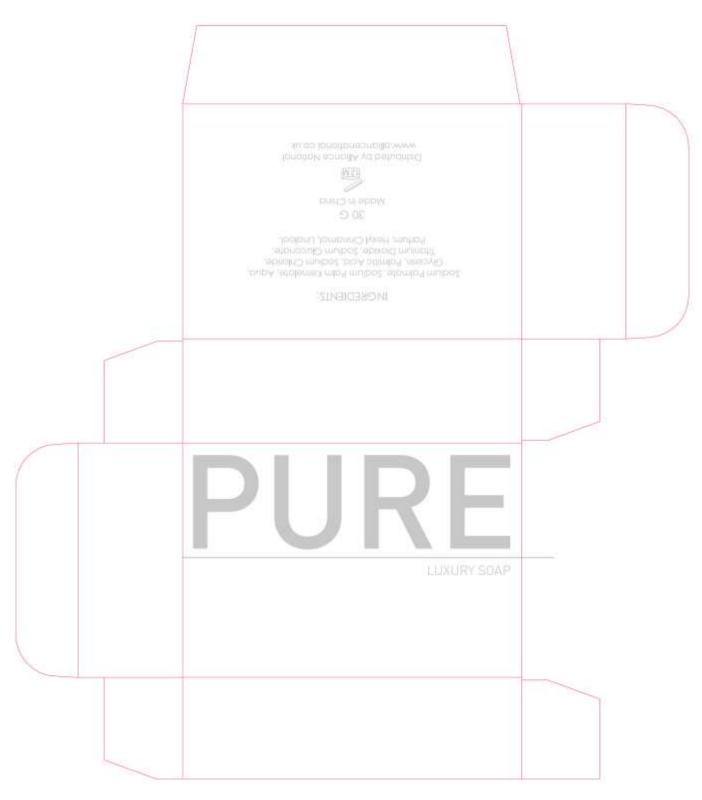
Formula No:SFO1042

Item	INCI Name	Dosage(%) w/w as active
	Sodium Palmate	67,800000000
	Sodium Palm Kernelate	16,950000000
	Aqua (Water)	12,000000000
1	Glycerin	0,500000000
	Palmitic Acid	0,500000000
	Sodium Chloride	0,500000000
	Sodium Gluconate	0,300000000
2	Glycerin	1,000000000
3	Titanium Dioxide	0,20000000
	Parfum	0,216500000
4	Hexyl Cinnamal	0,021000000
	Linalool	0,012500000

- 1 Add the soap base 1 into the mixing pot with stiring until grain is uniform.
- 2 Add ingredient 2,3 orderly with stiring completely.
- 3 Add ingredient Parfum with stiring completely.
- 4 Add the rest of the water with stiring make it uniform, the whole process at least 8 min.

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#### **PRODUCT LABELLING**



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### INGREDIENTS:

Sodium Palmate, Sodium Palm Kernelate, Aqua, Glycerin, Palmitic Acid, Sodium Chloride, Titanium Dioxide, Sodium Gluconate, Parfum, Hexyl Cinnamal, Linalool.

> 30 G Made in China



Distributed by Alliance National www.alliancenational.co.uk

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#### ALLERGENS CERTIFICATE FOR THE FRAGRANCE

### **ITappyCreations** 和馨香精技术有限公司

#### LIST OF 26 ALLERGEN SUBSTANCES OF THE 7.AMENDMENT OF THE 76/768/EEC DIRECTIVE

#### PRODUCTION NAME: BT55909

NAME OF SUBSTANCES	CAS. NO.	PRESENT or ABSENT	Total Concentration(%)
AMYL CINNAMIC ALDEHYDE(A C A)	122-40-7		
AMYL CINNAMYL ALCOHOL	101-85-9		
ANISYL ALCOHOL	105-13-5		
BENZYL ALCOHOL	100-51-6		
BENZYL BENZOATE	120-51-4		
BENZYL CINNAMATE	103-41-3		
BENZYL SALICYLATE	118-58-1		
CINNAMIC ALDEHYDE	104-55-2		
CINNAMYL ALCOHOL	104-54-1		
CITRAL	5392-40-5		
CITRONELLOL	106-22-9	PRESENT	0.3150
COUMARIN	91-64-5		
EUGENOL	97-53-0	PRESENT	0.0003
FARNESOL	4602-84-0		
GERANIOL	106-24-1	PRESENT	0.0001
HEXYL CINNAMIC ALDEHYDE(H C A)	101-86-0	PRESENT	8.4000
HYDROXY-CITRONELLAL	107-75-5	PRESENT	0.0630
ISO-EUGENOL	97-54-1	PRESENT	0.0005
LILIAL	80-54-6	PRESENT	3.9375
D-LIMONENE	5989-27-5	PRESENT	2.8110
LINALOOL	78-70-6	PRESENT	5.0000
HMPCC(LYRAL)	31906-04-4		
METHYL HEPTYNE CARBONATE (FOLIONE)	111-12-6		
METHYL IONONE	127-51-5		
OAKMOSS EXTRACT	90028-68-5		
TREEMOSS EXTRACT	90028-67-4		

HAPPYCREATIONS FRAGRANCES CO., LTD YAOCUN INDUSTRIAL PARK DURUAN TOWN JIANGMEN CITY GUANGDONG PROVINCE P. R.CHINA FAX:0750-3677637 TEL:0750-3669202

http://www.happycreations.com.cn

DATE: 2014-6-26

### MING FAI INDUSTRIAL CO., LTD.

#### PRODUCER'S GMP ISO 22716:2007 CERTIFICATE

