

Generic of Invictus by Paco Rabanne  
Fine Fragrance Collection Ltd.  
54812  
**Passed**



This document addresses the requirements of EU Regulation (EC) No. 1223/2009 Article 10 in accordance with Annex I and is a statement on the safety of the cosmetic product taking into account the intended use of the cosmetic product and the anticipated systemic exposure to individual ingredients in the final formulation.

**Product name** Generic of Invictus by Paco Rabanne

**Product Code** MC557 FFCL-8-MCP

**Company (Customer) Name** Fine Fragrance Collection Ltd.

**Company (Customer) Address** 1st Floor, 124 Cleveland Street, London, W1T 6PH, United Kingdom

**Company (Customer) Phone** -

**Company (Customer) Fax** -

**Company (Customer) Responsible Contact** Head Office

**Other Contact Details**

**ADSL Reference** 54812

**CPSR Passed Date** 16-04-2024 11:34:00

The product is safe for use in the stated application, and complies with EC Regulation 1223/2009. This assessment is conditional on the Responsible Person complying with the conditions in the notes and any other purity restrictions listed.

**Date and signature of safety assessor**

Signed:



Date: April 16, 2024

## PART A

### Quantitative & Qualitative Composition of the Cosmetic Product

INCI	Chemical name	CAS	EINECS	Concentration in Formulation % (w/w)
ALCOHOL DENAT.	Ethanol plus denaturant/s	N/A	N/A	65.000000%
	<b>Function</b> ANTIFOAMING ANTIMICROBIAL ASTRINGENT MASKING SOLVENT VISCOSITY CONTROLLING			
	<b>EU 2013 Regs</b> Not Controlled			
	<b>Global Regs</b>			
PARFUM	-	-	-	35.000000%
	<b>Function</b> FRAGRANCE			
	<b>EU 2013 Regs</b> -			
	<b>Global Regs</b>			

### Fragrance / Parfum Information

**Name of Fragrance** Generic of Invictus by Paco Rabanne

Allergen	% Percent in fragrance	% frag in product	% allergen in product	Declare for Rinse-off	Declare for leave-on
ALPHA-ISOMETHYL IONONE	0.315000%	35.000000%	0.110250%	Yes	Yes
BENZYL ALCOHOL	0.017000%	35.000000%	0.005950%	No	Yes
BENZYL BENZOATE	0.005000%	35.000000%	0.001750%	No	Yes
BENZYL SALICYLATE	5.478000%	35.000000%	1.917300%	Yes	Yes
CITRAL	0.088000%	35.000000%	0.030800%	Yes	Yes
CITRONELLOL	0.679000%	35.000000%	0.237650%	Yes	Yes
COUMARIN	1.199000%	35.000000%	0.419650%	Yes	Yes
EUGENOL	0.021000%	35.000000%	0.007350%	No	Yes
GERANIOL	0.004000%	35.000000%	0.001400%	No	Yes

Allergen	% Percent in fragrance	% frag in product	% allergen in product	Declare for Rinse-off	Declare for leave-on
ISOEUGENOL	0.002000%	35.000000%	0.000700%	No	No
LIMONENE	2.199000%	35.000000%	0.769650%	Yes	Yes
LINALOOL	1.821000%	35.000000%	0.637350%	Yes	Yes

## Physical/Chemical Characteristics & Stability of the Cosmetic Product

<b>Physical Description of the Product</b>	Liquid
<b>Aroma</b>	AS STANDARD
<b>Colour</b>	AS STANDARD
<b>Taste</b>	N/A
<b>pH of Product</b>	N/A
<b>Viscosity</b>	N/A
<b>Specific Gravity</b>	0.810 - 0.830g/ml
<b>Stability</b>	The product has passed a 4 week stability test. Test report attached.

INCI	Physical Description	Chemical Description
ALCOHOL DENAT.	Colourless liquid with a characteristic odour.	Molecular formula: C <sub>2</sub> H <sub>6</sub> O Molar mass: 46.07 g mol <sup>-1</sup> Density: 0.789 g/cm <sup>3</sup> Melting point: -114 °C, 159 K, -173 °F Boiling point: 78.37 °C, 352 K, 173 °F log P: -0.18 includes denaturant such as methanol, isopropyl alcohol, acetone, methyl ethyl ketone, methyl isobutyl ketone, and denatonium.
PARFUM	-	-

## Microbiological Quality

**Preservative Efficacy** This product is hydroalcoholic and inherently hostile to the growth of micro-organisms. Microbial challenge testing is not required.

**Plate Count**

## Impurities, Traces & Packaging

**Description of the Packaging & Suitability for Use** All materials are suitable for the application and comply with Cosmetic Regulations 1223/2009.

**Notes of Impurities,Traces in the INCI** No impurities of concern were identified in the raw material data supplied.

## Normal & Reasonably Foreseeable Use

### Description of Intended Application & Directions for Use

EDP - to be applied to the wrists and neck.

## Exposure to the Cosmetic Product

<b>Site of Application</b>	Wrist & Neck
<b>Surface Area of Application (cm<sup>2</sup>)</b>	200
<b>Amount Applied (g) per day</b>	0.72g
<b>Duration</b>	Leave-on
<b>Frequency</b>	1/day
<b>Retention Factor</b>	1
<b>Exposure Routes</b>	Dermal (incidental ocular and oral)
<b>Target Population</b>	Adult 60kg
<b>Calculated relative daily exposure (mg/kg bw/day)</b>	12.0

Typical consumer use of the product is taken from the SCCS's Notes of Guidance and the EPA Exposure Factors Handbook

## Exposure to the Substances

INCI	Calculated Relative Daily Exposure	Concentration % (w/w)	Dermal Absorption	Systemic Exposure Dosage
ALCOHOL DENAT.	12.0	65.0%	100.0%	7.800000
PARFUM	12.0	35.0%	100.0%	4.200000

Exposure data and method of calculation taken from the SCCS's Notes of Guidance. The conventional conservative approach of assuming a dermal absorption of 100% is taken where appropriate

## Toxicological Profile of the Substances

### Local Toxicity

INCI	Eye Irritant	Skin Irritant	Skin Sensitizer	Photo Sensitizer
ALCOHOL DENAT.	Moderate	No	No	No
PARFUM	-	-	-	-

### Margin of Safety and Comments

INCI	Margin of Safety (MOS)	NOAEL	SED
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INCI	Margin of Safety (MOS)	NOAEL	SED
ALCOHOL DENAT.	308	2400	7.800000
PARFUM	No data	No Data	4.200000

## General Safety Comments

INCI	General Safety Comments	Data Reference
ALCOHOL DENAT.	<p>Alcohol, also called ethanol or ethyl alcohol, is formed by the fermentation of sugars or can be synthetically produced. It is a 2-carbon alcohol. Alcohol denat. is alcohol which has been made unpotable by a variety of substances. It is used in cosmetics and personal care products primarily to conform to import, tax, and duty requirements. Alcohol is readily absorbed by the oral and inhalation routes and subsequently, metabolized and excreted in humans. At exposures relevant to consumer exposure during use of alcohol containing products, the alcohol dehydrogenase metabolic route in the liver dominates and does not become saturated. Alcohol is not accumulated in the body. Dermal uptake of alcohol is very low. Alcohol has a low order of acute toxicity by all routes of exposure. Alcohol is widely used in topical applications and adverse effects are seldom reported. The Cosmetic Ingredient Review Expert Panel investigated a variety of the most frequently used denaturants. They determined that at the low concentrations at which they were present Alcohol Denat. denatured with t-Butyl Alcohol, Diethyl Phthalate, Methyl Alcohol, Salicylic Acid, Sodium Salicylate, and Methyl Salicylate is safe as used in cosmetic formulations with no qualifications. The available data, however, were not sufficient to support the safety of Quassin, Brucine, and Brucine Sulfate, Alcohol Denat. denatured with those denaturants, or SD Alcohol 39 and SD Alcohol 40. It is considered safe at its current use and concentration.</p>	<p>"Safety evaluation of topical applications of ethanol on the skin and inside the oral cavity", Dirk W Lachenmeier, Journal of Occupational Medicine and Toxicology 2008, 3:26 doi:10.1186/1745-6673-3-26 "OECD SIDS ETHANOL", SIDS Initial Assessment Report For SIAM 19, Berlin, Germany, 19 – 22 October 2004 "Final report of the safety assessment of Alcohol Denat., including SD Alcohol 3-A, SD Alcohol 30, SD Alcohol 39, SD Alcohol 39-B, SD Alcohol 39-C, SD Alcohol 40, SD Alcohol 40-B, and SD Alcohol 40-C, and the denaturants, Quassin, Brucine Sulfate/Brucine, and Denatonium Benzoate.", Cosmetic Ingredient Review Expert Panel, Int J Toxicol. 2008;27 Suppl 1:1-43. Absorption of Alcohol Hand Disinfectants, Prof. Axel Kramer, Institute of Hygiene and Environmental Medicine, University Hospital, Greifswald, Germany ECHA dossier for Ethanol</p>
PARFUM	The safety of perfumes and fragrances is assessed via a valid IFRA Certificate	-

## Undesirable Effects & Serious Undesirable Effects

None reported.

## Information on the Cosmetic Product

The product has been assessed and found to be compliant with the relevant regulations and standards required by:

EUROPEAN UNION: Regulation 1223/2009

UNITED KINGDOM: Regulation (EC) No 1223/2009 on Cosmetic Products, as amended by the Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019

## PART B

## Assessment conclusion

The evaluation of the data available on the product and the information about the ingredients for the claimed use do not indicate a significant risk to users that outweighs any benefits of use. The clinical data indicate very low incidence of adverse events  
The product is safe for use in the stated application, and complies with EC Regulation 1223/2009. This assessment is conditional on the Responsible Person complying with the conditions in the notes and any other purity restrictions listed.

## Labelled warnings and instructions of use

None

## Reasoning

The toxicological data given in Part A section 8 indicate that the ingredients are safe for their intended use.  
In general, the final product would not be considered an irritant or potential skin sensitiser if the total concentration of irritant ingredients is less than 10% and the total concentration of skin sensitisers is less than 1%. These levels are not exceeded in the product. The product does not contain any known photosensitising ingredients.

## Assessor's credentials and approval of part B

Mark Richard Bowes-Cavanagh BSc (Hons) App. Chem CSci CChem MRSC Address: Green Pastures, Totnes Road, Collaton St. Mary, Paignton, Devon, U.K

Further Education	1991 - 1994 University Of Plymouth. Drake Circus, Plymouth. 2nd Class BSc (HONS) - Degree in Applied Chemistry.
Specially Qualified In	Qualitative & quantitative analysis of Material, Bio-organic, Analytical, Environmental, Physical, Organic and Inorganic chemistry. Close liaison with industrial processes and particular attention was given on GLP and all inferences recorded. Synthetic work and analysis using FTIR, IP, GC-MS, GC, HPLC, H-NMR, ICP-MS and bioassay preparations. Final year dissertation entitled "Isothiocyanates of the Larval Cabbage Root Fly ( <i>D.Radicum</i> ) Attractants"
	2000 - Present Advanced Development & Safety Laboratories Ltd Paignton, Devon. TQ4 7PW
	Technical Director
	Analysis and Signing-Off of Safety Assessments in accordance to Cosmetics Directives, EU, ASEAN, Canada and FDA and to 2013 regulations.
	Presentation of new products or raw materials to customers including point of sale, including new actives from In-Cosmetics and other trade shows.
	Negotiation of price points and order details with both internal departments and customers through procurement or sales.
	Research & Development of new products, including sourcing of new ingredients, componentry and fragrance.
	Sourcing of all packaging connected to new products, enabling product to arrive on time at third party manufacturers.
	Management of bank accounts and supplier credit accounts.
	Legal paperwork to enable smooth transfer of product to Far East and FDA in USA through their internal governing bodies.
	Creation of website and update including ePDQ selling facility.
	Collation of orders with manufacturers including Quality Control and adherence to specifications.
	Organizing Trade Shows including NEC Fairs, Regional shows and Oversea Trade shows e.g. Hong Kong Beauty Show.

Consultancy with manufacturers to establish new ranges for both them and feasibility to be successful on the market.

Preparation of stability testing on all products including product compatibility.

Strategy planning for both ECL and with consultancy to clients on better systems within their organizations including training.

1999 - 2000 The Bodyline Group Plc, Paignton, Devon. TQ4 7QZ.

To keep abreast of new technology with a view to:

- introduction into existing products
- introduction into new products
- use in innovation presentations
- use in technical bulletins

Ensure that products developed by R&D are:

- Market focused
- Legal (according to claim and composition)
- Safe to use
- Stable (will not separate, discolour etc.)
- Can be manufactured consistently to specification

Assess external testing product development requirements. Ensure testing is focused, best value and accurately costed.

To liaise with customers in order to provide them with required levels of technical support, backed by the supply of all data, samples and specifications.

To liaise with outside suppliers in order to:

- find new sources of innovation
- find equivalent raw materials at competitive costs
- tested externally, where internal facilities are inadequate for the purpose
- at minimum cost

Assist as necessary in the development of the R&D budget.

Ensure R&D spending is in line with agreed budgets and that external testing is properly targeted.

Undertake succession planning within the department and ensure that sufficient developmental training takes place.

### Career History

To reduce failure rate in process through managing pilot production programme and troubleshooting bulk production issues.

The management, leadership, performance management, development, recruitment and training of all staff within the function to ensure that department performance and customer service are optimised.

#### Technical Manager

1999 - 2000 The Bodyline Group Plc, Paignton, Devon. TQ4 7QZ

Direct involvement with sales in initiating new projects and servicing the account.

Upgrading the company's capabilities in order to achieve ISO 9001 by March 2000.

Appearance on The Shopping Channel to promote Bodyline Products because of my technical sales skills.

Organized trade shows for Bodyline Group including, NEC Cosmetic Fair, Frankfurt show.

Operating and maintaining a discipline factory environment with close control of logistical planning.

Close liaison with technical departments of all customers to ensure product quality and safety is paramount.

Develop customer accounts to enable maximum potential for both the customer and the company.

Drive the dynamic creative engine of the company to achieve franchise Bodyline shops in Europe and Oceania.

Increase bottom line profit by efficiently programming in projects and maximizing the workforce to achieve manufacturing wages lower ever before.

Maximize output due to cash flow considerations enabling Bodyline to invest in other project ventures.

Evaluate customer requirements to measure Bodylines to achieve maximum profit margin and to enable projects capability of achieving product goal or sub-contracting to other contacts.

Close liaison with suppliers to accomplish cost saving initiatives to complete within the critical path.

Organizing meetings between departments and collaborating with managers to ensure a smooth project path.

#### Research & Development Chemist

1999 - 1995 The Bodyline Group Plc, Paignton, Devon. TQ4 7QZ.

Formulated a more comprehensive range of products to promote the Bodyline range within the cost parameters and our animal testing declaration (1985).

Achieved suspensions for sophisticated skin care and innovative designs.

Produced varied emulsified systems according to customer requirements and production facilities.

Introduced new systems into the Research & Development arena to achieve high standards in conjunction with EEC directives on stability and safety of products.

Researched into most commercially used preservatives within cosmetic sector according to product, cost and customers needs.

Initiate point of sale and manufacturing information for customers on recommended applications and benefits of product.

Oversee Quality Assurance to answer customer enquiries and required contingency measures.

Evaluation of all additives in product to achieve maximum stability and safety, to prolong shelf-life.

Zeneca Environmental Laboratory, Brixham, Devon.

Work Experience in Vertebrae Laboratory monitoring temperature, pH and other environmental parameters.

Technical Manager

2010-2012 LF Beauty

To manage the team to ensure products are developed to specified standards to meet customer and company requirements ensuring that all relevant technical standards are applied.

Lead the R&D team and ensure close working relationships between R&D and key internal departments: NPD,

Process, Commercial, Purchasing

Manage workload to ensure product developments are in line with critical paths.

#### Achievements

Member of the Royal Society Of Chemistry and a "Chartered"

Chemist and Scientist

Member of The Society Of Cosmetic Scientists

Member of the British Toxicology Society

#### Date and signature of safety assessor



**Date:** April 16, 2024

This assessment is based on information supplied by the client, raw material manufacturers and published information in recognised authoritative sources. Whilst best endeavours have been used to check the accuracy of this information, the undersigned cannot be held responsible for any erroneous information supplied and used for preparing this assessment.

## Stability Report

Customer name: Fine Fragrances Test Reference (CT): 3538

Product name: Generic of Invictus by Paco Rabanne MC number: 557

Start date: 19 February 2024 Project number: FFCL-8-MCP  
Completion Date: 18 March 2024

Microbiology: N/A

Additional Information:  
 Keep RT for Retain

Sample Distribution

	RT	F4°C	45°C	Cycle	UV
100ml glass jar					
30ml glass jar	1	1	1	1	1

KEY:

0 = No change	R = More red	T = Loss of top note
1 = Minor change	D = Darker	C = Base odour
2 = Noticeable change	Y = Yellowed	M = Off odour
3 = Major change	P = Paler	S = Separation/Creaming
	G = More grey	A = Separation/Seepage
	B = More blue	E = Blooming
		F = Clarity/Clouding
		H = Sedimentation/Precipitation

Test Conclusion			
Result:	Passed	JCD Signed:	Karis Cullum
The UV sample paled slightly after 4 weeks.			
Date:		Client Signed:	

Fine Fragrances

Generic of Invictus by Paco Rabanne

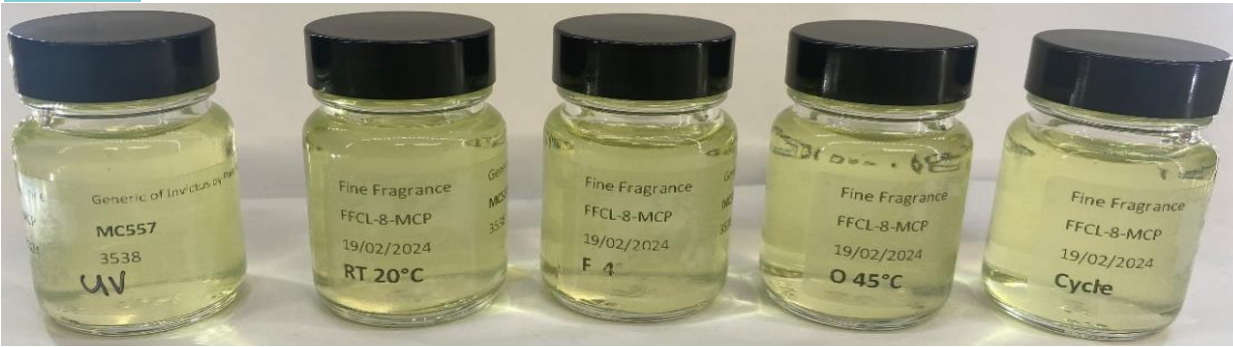
MC557

CT3538

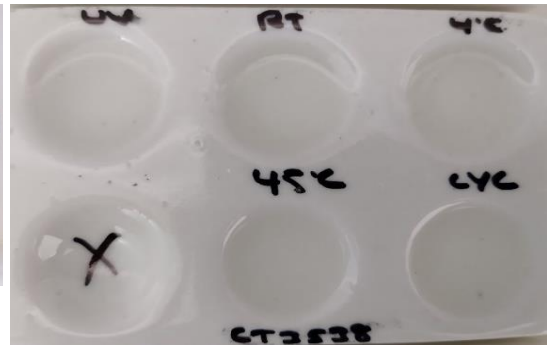
Initial Readings	Appearance	Clear mobile liquid
	Colour	Yellow
	Odour	Generic of Invictus
	Temperature	22°C
	SG	0.851

Sample	Test	4 Weeks	Notes
		18/03/24	
RT	Appearance	0	
	Colour	0	
	Odour	0	
	Temperature	21.2°C	
4°C	Appearance	0	
	Colour	0	
	Odour	0	
	Temperature	21.1°C	
45°C	Appearance	0	
	Colour	0	
	Odour	0	
	Temperature	21.2°C	
Cycle	Appearance	0	
	Colour	0	
	Odour	0	
	Temperature	21.3°C	
UV	Appearance	0	
	Colour	P1	
	Odour	0	

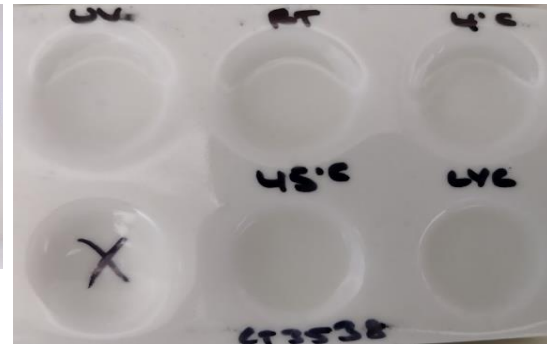
Initial



4 Weeks after oven.



4 Weeks



## IFRA 51th AMENDMENT CONFORMITY CERTIFICATE Fragrance compound

**PRODUCT :** Generic of Invictus by Paco Rabanne - 69224

**CUSTOMER :** TO WHOM IT MAY CONCERN

**DATE :** 01.02.2024

We certify that the above compound is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA – 51 th Amendment / published June 2023), provided it is used in the following class(es)) at a maximum concentration level of:

IFRA CLASSES	Level of Usage %
Category 1	0
Category 2	2,88
Category 3	0,95
Category 4	53,75
Category 5.A	13,75
Category 5.B	1,25
Category 5.C	1,9
Category 5.D	0,42
Category 6	0
Category 7.A	1,55
Category 7.B	1,55
Category 8	0,42
Category 9	6,48
Category 10.A	6,48
Category 10.B	13,97
Category 11.A	0,42
Category 11.B	0,42
Category 12	100

For other kinds of application or use at higher concentration levels, a new evaluation may be needed; please contact **SELUZ KİMYA KOZMETİK TİC. VE SAN. A.Ş.**

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee. Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice. It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance) by further testing if need be.

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<b>ANNEX: Definition of IFRA Classes</b>	
Finished product types	IFRA class(es)
Children-s toys // Lip products of all types (solid and liquid lipsticks, balms, clear or colored, etc...)	Category 1
Deodorant and antiperspirant products of all types including fragranced body sprays and body mists	Category 2
Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, etc...) // Women-s make-up (Foundation) // Make-up removers of all types // Nose pore strips // Wipes or refreshing tissues for face, neck, hands, body // Body paint (for children and adults) // Facial masks (facial treatment)	Category 3
Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de toilette, Parfum, Eau de Cologne, solid perfume, fragrancing cream, Aftershave alcoholic etc...) // Fragranced bracelets // Ingredients of perfume kits and fragrance mixtures for cosmetic kits // Scent pads, Foil packs // Scent strips for hydroalcoholic products	Category 4
Body creams, oils, lotions of all types (except baby cream, lotion, oil) // Foot care products (creams & powders) // Insect repellent intended to be applied on the skin // All powders and talcs (except baby powders and talcs)	Category 5.A
Facial creams, toner and moisturizers	Category 5.B
Hand cream // Nail care products (including cuticle creams, etc...) // Hand sanitizers	Category 5.C
Baby lotion, cream, oil, powder/talc	Category 5.D
Mouthwash including breath sprays, tablets and strips // Toothpaste and toothpowder	Category 6
Rinse-off hair permanent or other hair chemical treatments (e.g. relaxers) including hair dyes	Category 7.A
Hair sprays // Hair styling aids of all types (mousse, gels, leave in conditioners) // Dry shampoo or waterless shampoo // Hair deodorant // Leave on hair permanent or other hair chemical treatments (e.g. relaxers) including hair dyes	Category 7.B
Intimate wipes // Tampons // Baby wipes // Wet toilet paper	Category 8
Bar soap // Shampoo // Face washes, gels, scrubs // Conditioner (rinse-off) // Liquid soap // Body wash and shower gels // Bath gels, foams, mousses, salts, oils // Baby wash, bath, shampoo // Footcare products (feet are placed in a bath for soaking) // Shaving creams // Depilatory (including facial) // Waxes for mechanical hair removal // Shampoos for pets	Category 9
Hand wash laundry detergent // Laundry pre-treatment (all types) // Hand dishwashing detergent // Hard surface cleaner (all types) // Machine Laundry detergents with skin contact (e.g. liquids, powders) // Dry cleaning kits // Toilet seat wipes // Fabric softeners (liquids and dryer sheets) // Other household cleaning products (fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes (sprays and wipes), leather cleaning wipes, starch sprays, stain removers, fabric enhancing sprays, treatment products for textiles including deodorizer) // Floor wax // Fragranced oil for lamp rings, reed diffusers, potpourri, etc... // Ironing water	Category 10.A
Air fresheners sprays, including aerosol and pump // Insecticides aerosol or sprays // Sprays (of all types) applied to animals	Category 10.B
Feminine hygiene conventional pads, interlabial pads // Feminine hygiene liners // Diapers (baby and adult) // Adult incontinence pant, pad // Toilet paper (dry)	Category 11.A
Tights with moisturizers // Scented socks, gloves // Facial tissues (dry tissues) // Napkins // Paper towels // Wheat bags // Fragranced face masks (paper/protective, not intended for use as a medical device)	Category 11.B
Air delivery systems // Air Fresheners and fragrancing of all types (excluding aerosols listed in category 10), e.g. plug-ins and enclosed liquid refills, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, air freshening crystals, automated sprays (including concentrated aerosols with metered doses [range 0.05-0.5 mL/spray]), closed air fresheners // Candles of all types (including encased) // Cat litter // Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders) // Fuels // Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosol/spray // Joss sticks or incense sticks // Laundry detergents with minimal skin contact (e.g. pods) // Machine dishwash detergent and deodorizer // Paints // Plastic articles (excluding toys) // "Scratch and sniff" (sampling technology) // Scent pack // Scent delivery system using a dry air technology // Shoe polishes // Toilet blocks // Olfactive board games	Category 12