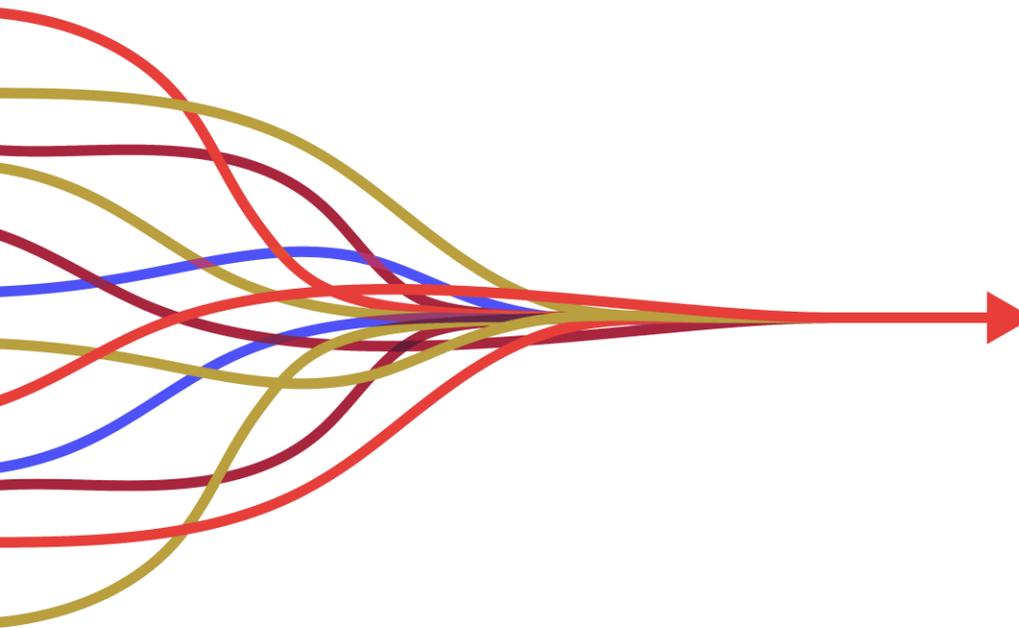


«Signori, parto» disse Phileas Fogg. «Farò timbrare il passaporto coi visti, in modo che al mio ritorno possiate controllare l'itinerario. Ci vediamo tra 80 giorni, il 21 dicembre, esattamente alle 8 e 45 della sera, al club. Arrivederci.»



REGULATORY BRACKETS

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Milano, 22-23 Novembre

Londra – Reform club - classificazione

Cosmetico (EU + others)

Over the counter (USA)

Functional cosmetics (S. korea)

Medicated cosmetics (Taiwan)

Therapeutic sunscreens and Cosmetic sunscreens

Altre



EUROPE UE + EAA

Cosmetici (reg 1223/09/CE)

Lista filtri ammessi

Minimum efficacy lowest allowed SPF 6

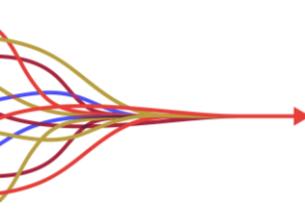
1/3 (UVA/UVB ratio) Raccomandazione

Precautions and usage instructions –

4 protection categories

BREXIT





ISRAELE – PAESI GOLFO- EGITTO - TURCHIA

≅ EU regulation criteria

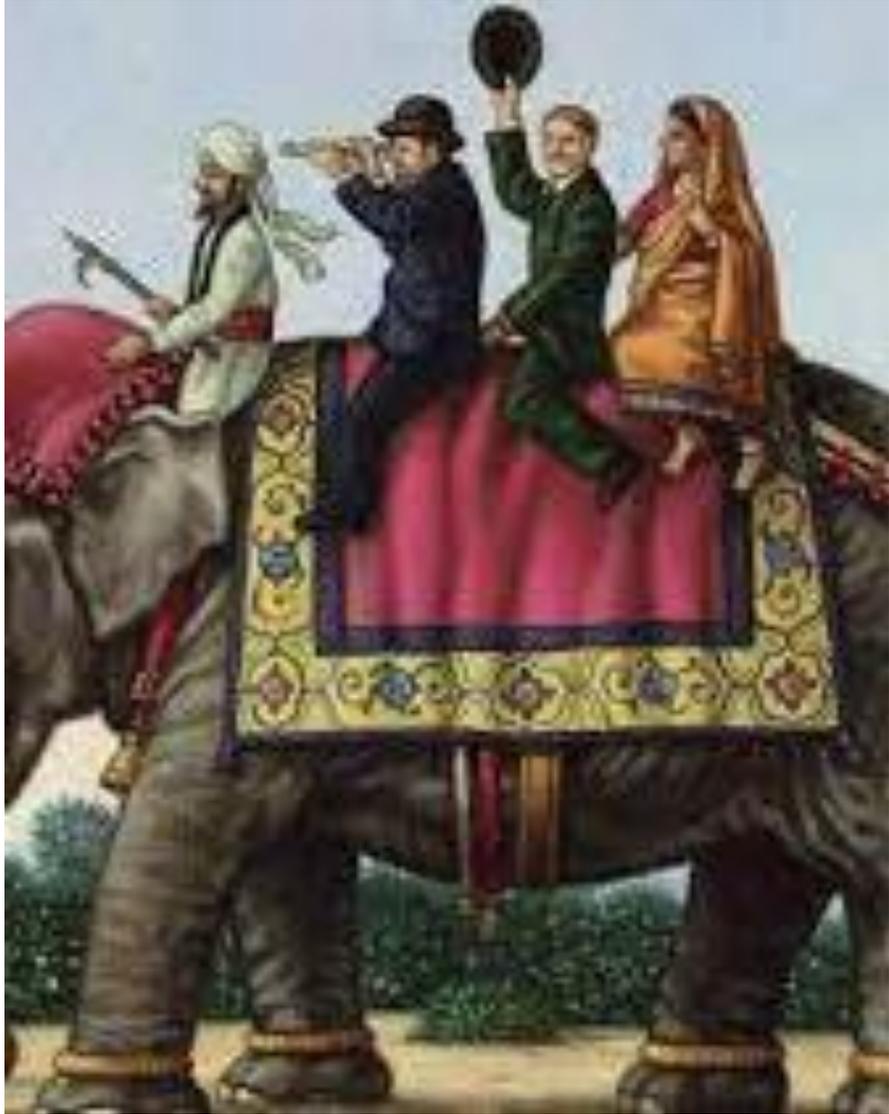
Lista filtri ammessi

Raccomandazione commissione

Specifiche avvertenze

Differenze tra paesi





BHARAT (INDIA)

cosmetici

Lista filtri ammessi

Specifiche avvertenze

NO SPF minimo

ASEAN



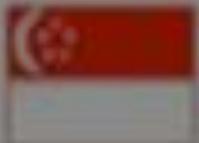
MYANMAR



THAILAND



CAMBODIA



SINGAPORE

EU regulation criteria

Lista filtri ammessi

Raccomandazione commissione

Specifiche avvertenze

- Esempio “Do not stay too long in the sun, even while using a sunscreen”

Differenze tra paesi

CINA



Special use cosmetics
Positive list sunscreens
Labeling regulations



NON HONG KONG

Country of Origin	Type of Cosmetics	Official Approval Mode	Who Shall Apply?	Who Will Be the Competent Authority?
Mainland China	Non special use cosmetics	Record keeping number issued on CFDA website	Domestic manufacturer or brand owner	FDA at provincial level
Foreign countries	hair care, nail care, skin care, perfumes and make-up	Record keeping certificate	A Chinese responsible person appointed by foreign manufacturer	CFDA
Mainland China	Special use cosmetics products for hair growth, hair dye, hair perm, hair removal, breast shaping, fitness, deodorizing, spots removal(whitenin g) and sun block	Hygiene license	Domestic manufacturer or brand owner	CFDA
Foreign countries		Hygiene license	A Chinese responsible person appointed by foreign manufacturer	CFDA

CINA



Valori SPF in etichetta

- $2 < \text{SPF} < 50$ -- valore misurato // $\text{SPF} > 50 - 50+$



Waterproof almeno 50 %



UVA

PFA class (UVA protection)	Label
< 2	Not UV protection
$2 < \text{pfa} < 3$	PA +
$4 < \text{PFA} < 7$	PA ++
$8 < \text{PFA} < 15$	PA +++
$\text{PFA} \Rightarrow 16$	PA ++++

JAPAN

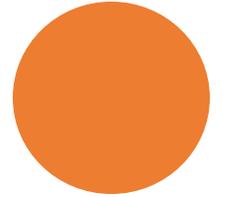
Regulated as cosmetics

JCIA self-regulating standards

SPF from 2 to 50+

Warnings

- Reapply every 2-3 hours
- Reapply after wiping the skin with a towel



USA

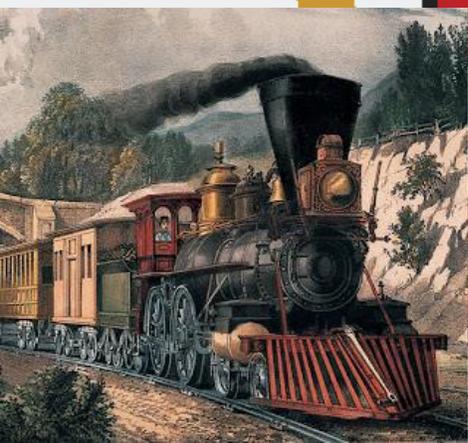
OVER THE COUNTER (dal 1970)

FDA Authorized - monography

Sunscreen innovation act (2011) > (2019)

Labelling rules

cGMP -+ FDA inspection



FDA - Proposed new rule

Classificazione ingredienti in 3 categorie

I GRASE sicuri

- ossido di zinco e biossido titanio

II Non sicuri

- Aminobenzoic acid (PABA) e trolamine salicylate

III richiesta informazioni

- cinoxate, dioxybenzone, esulizone, homosalate, meradimate, octinoxate, octisalate, octocrylene, padimate O, sulisobenzone, oxybenzone, and avobenzone

Forme cosmetiche accettate

•Sunscreen sprays, oils, lotions, creams, gels, butters, pastes, ointments, and sticks are proposed as safe and effective. (POLVERI ?)

Aumento valore max SPF

•Da 50+ a 60+

Sunscreens > 15 SPF

•AMPIO SPETTRO (e aumento fattore protezione)

Etichetta

- elenco alfabetico ingredienti attivi (filtri) sul pannello frontale
- Sunscreens < 15 SPF
- Avviso su etichetta frontale «See Skin Cancer/Skin Aging alert"»
- Dichiarazioni SPF, ampio spettro, water resistance devono essere evidenti

Proposta

•Prodotti combinati sunscreen-insetto repellenti >> NON SICURI e NON EFFICACI

MERCOSUR

Regulation from the EU

UV/UVB ratio 1/3

SPF > FPS (Factor de Protección Solar)

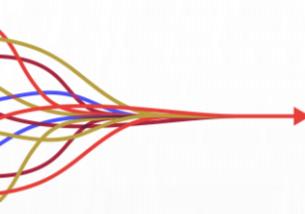
Max SPF 50+

Warnings (multifunctional “this product is not a sunscreen”)

Brazil UV list broader



MA POSSIAMO FARE
QUESTA FORMULA
«MONDO» ?



RITORNO IN EU

ENDOCRINE DISRUPTORS

MICROPLASTICHE

PACKAGING REGULATIONS (PCR)

GREEN CLAIMS

SSbD - Raccomandazione 2022/2510

REGOLAMENTO DEFORESTAZIONE

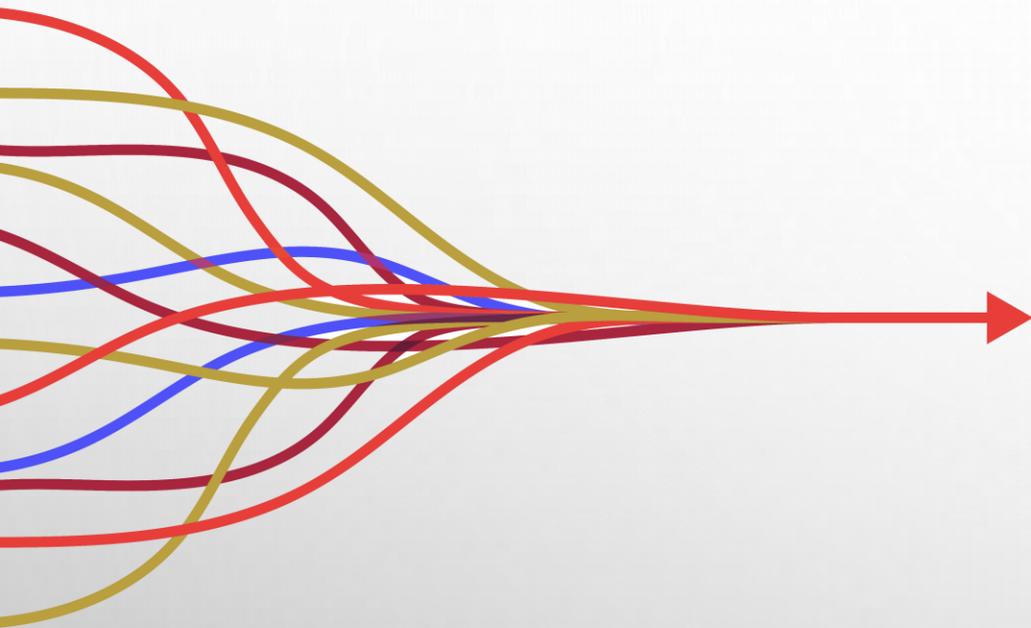


IMPACTS OF SUNSCREENS ON CORAL REEFS

FUNDED WITH THE SUPPORT OF THE GOVERNMENT OF SWEDEN
AND THE FONDATION POUR LA RECHERCHE SUR LA BIODIVERSITE

HAWAII _ PALAU
oxybenzone octinoxate
oxybenzone
octinoxate
octocrylene

AUTHOR:
ELIZABETH WOOD

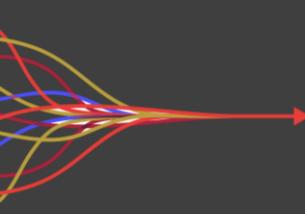


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Fogg infatti, andando da ovest verso est, aveva guadagnato un giorno ed eccolo perciò presentarsi al *Reform Club* in perfetto orario per incassare il premio! Fogg aveva vinto la scommessa, ma che profitto ne aveva tratto? Niente in termini pecuniari, poichè aveva investito nel viaggio tutti i soldi che avrebbe poi vinto, ma tantissimo in quelli sentimentali, poichè aveva acquisito una moglie deliziosa..