

Technical Data Sheet

Unicert Orange K7011-J (KCW05)

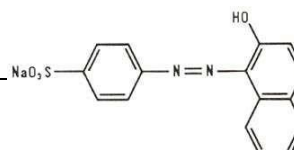
1. Product description / Description du produit

Water soluble dye in compliance with EU, US, Japanese and Chinese cosmetic regulations /
Colorant hydrosoluble en conformité avec les réglementations cosmétiques UE, US, Japon et Chine. Monosalt
of monoazoic dye / Sel monosodique d'un colorant monoazoïque

2. Legislation / Réglementation

INCI Cosmetic CI 15510
 Hair dye Acid Orange 7

FDA name Orange 4
CAS No. 633-96-5
EC No. 211-199-0



	EUROPE E.C.1223/2009/EC		FDA	JAPAN	CHINA		
	Cosmetic / Cosmétique Annex IV, 21 : CI 15510 *	Hair dye / Colorant capillaire Pending			Cosmetic / Cosmétique Annex VI, 21 : CI 15510 *	Hair dye / Colorant capillaire	
Pure dye content / Teneur en colorant pur	No specifications	87% min	87% min	85 - 101%	No specifications	Not permitted	
Water - insoluble matter / Matières insolubles dans l'eau		0,2% max	0,2% max	1% max			
Volatile matter / Matières volatiles		13% max (135°)	13% max (135°)	10% max (105°)			
Chlorides and sulfates (as sodium salts) / Chlorures et sulfates (sels de sodium)		3% max	3% max	5% max			
Intermediates, subsidiary colors / Intermédiaires, colorants accessoires		0,4% max	0,4% max	No specifications			0,4% max
2-Naphthol		0,2% max	0,2% max				0,2% max
Sulfanilic acid, sodium salt		0,1% max	0,1% max				0,1% max
4,4'-(Diazoamino)-Dibzenesulfonic acid							

* Product type, body parts : allowed in all cosmetics, excluding cosmetics intended for use in the area of the eye. ** Certified grade ; for coloring externally applied cosmetics.

[1] including amendments.

3. Supported chemical and physical data / Données physico-chimiques supportées

Appearance / Aspect	Powder / Poudre	
Water solubility / Solubilité eau	Soluble	
Maximum absorption	484 (±4) nm	
Heavy metals / Métaux lourds	(ppm)	
	Arsenic / Arsenic	0 - 2
	Lead / Plomb	0 - 20
	Mercury / Mercure	0 - 1

4. Suggested uses / Utilisations conseillées

Make-up, skin care, sun care and toiletries products / Produits de maquillage, de soins, solaires et de toilette	0.0005 - 0,5%
Hair dye / Colorant capillaire :	
Hair dye substance in oxidative hair dye products after mixture / Colorant d'oxydation pour la coloration des cheveux après mélange	0.8% max
Hair dye substance in non-oxidative hair dye products / Colorant non oxydant pour la coloration des cheveux	0.5% max

In order to overcome frequent light stability problems occurring in perfume, skin care and toiletry products, we recommend the use of **COVABSORB**, **COVABSORB EW** or **COVABSORB DS**, proprietary blends of organic UV absorbers with outstanding efficacy.