

Technical Data Sheet

Sensient Cosmetic Technologies
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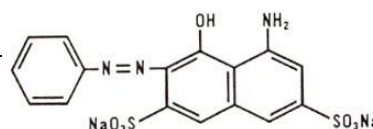
Unicert Red K7057-J (KCW09)

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. Monoazoïc
dye / Colorant monoazoïque

2. Legislation / Réglementation

INCI	Cosmetic Hair dye	CI 17200 Acid Red 33
FDA name		D&C Red 33
CAS No.		3567-66-6
EC No.		222-656-9



	EUROPE E.C.1223/2009/EC		FDA	JAPAN	CHINA		
INCI NAME	CI 17200 * Cosmetic / Cosmétique Annex IV,37	Acid Red 33 Hair dye / Colorant capillaire Annex III, 254 : Max conc : 0,5%	Red 33 ** Meets requirements from 21 cfr 74.2333	I Red 227	CI 17200 * Cosmetic / Cosmétique Annex 6,37	Hair dye / Colorant capillaire	
Pure dye content / Teneur en colorant pur	No specifications	No specifications	82% min	85 - 101%	No specifications	Not permitted	
Water - insoluble matter / Matières insolubles dans l'eau			0,3% max	1% max			
Volatile matter / Matières volatiles			18% max (135°)	6% max (105°)			
Chlorides and sulfates (as sodium salts) / Chlorures et sulfates (sels de sodium)				10% max			
4-Amino-5-Hydroxy-2,7-Naphthalene Disulfonic acid, disodium salt			0,3% max	0,3% max			0,3% max
4,5-Dihydroxy-3-(Phenylazo)-2,7-Naphthalene Disulfonic acid, disodium salt			3% max	3% max			3% max
Aniline			25 ppm max	25 ppm max			25 ppm max
4-Aminoazobenzene			100 ppb max	100 ppb max			100 ppb max
1,3-Diphenyltriazene			125 ppb max	125 ppb max			125 ppb max
4-Aminobiphenyl			275 ppb max	275 ppb max			275 ppb max
Azobenzene	1 ppm max	1 ppm max	1 ppm max				
Benzidine	20 ppb max	20 ppb max	20 ppb max				

* Product type, body parts : allowed in all cosmetics.** Certified grade ; for coloring cosmetic lip product (3% max in the finished cosmetic products) mouthwashes (including breath fresheners) toothpastes, and externally applied cosmetics. [1] including amendments.

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

Appearance / Aspect			Poudre	
Water solubility / Solubilité eau			Soluble	
Maximum absorption			530 (□4) nm	
Heavy metals / Métaux lourds			(ppm)	
	Lead / Plomb	0 - 2	Zinc / Zinc	0 - 50
	Arsenic / Arsenic	0 - 2	Copper / Cuivre	0 - 10
	Mercury / Mercure	0 - 1	Barium / Baryum	0 - 20
	Chromium / Chrome	0 - 10	Cadmium / Cadmium	0 - 1
	Nickel / Nickel	0 - 10	Antimony / Antimoine	0 - 10
	Cobalt / Cobalt	0 - 10	Selenium / Sélénium	0 - 10

4. Suggested uses / Utilisations conseillées

Make-up, skin care, sun care, toiletries products / 0.0005 - 0,5%

Produits de maquillage, de soins, solaires, et de toilettes

Hair products / Produits capillaires

In order to overcome frequent light stability problems occurring in perfume, skin care and toiletry products, the use of **COVABSORB** or **COVABSORB EW** (water soluble version), proprietary blends of organic UV absorbers with outstanding efficacy, is recommended.