

Technical Data Sheet

www.gildewerk.com

PRODUCT CODE: ZKN-04000
 PRODUCT NAME: Natural soap colour yellow
 COMPANY NAME & ADDRESS: Gildewerk B.V., A Hofmanweg 41, 2031BH Haarlen, Nederland
 PHONE: +31 (0) 23.532.22.55
 DATE: 9/8/2020

Description du produit / Product Description

New generation of high purity yellow iron oxide / Nouvelle génération d'oxyde de fer jaune de haute pureté
 Mineral pigment / Pigment minéral

Réglementation produit / Product Legislation

We hereby certify that the above material does not contain any substances prohibited by the Cosmetic Regulation (EU) No. 1223/2009 and its amendments.

Cosmetic Compliance (including amendments) - EU

INCI EU	INCI Hair Dye	CAS	EINECS	1223/2009 Annex	1223/2009 Status	231/2012*	Note	Function
CI 77492	-	51274-00-1	257-098-5	Annex IV	Permitted	E 172	EU-A	Colorant

*When listed, purity criteria (E XXX) are met.

"-" means not applicable.

Cosmetic Compliance (including amendments) - USA

INCI US	Hair Dye	CAS	EINECS	21 CFR*	Certification	Note	Function
Iron oxides	-	51274-00-1	257-098-5	73.2250	Exempted	USA-A	Colorant

*When listed, 21 CFR requirements are met.

"-" means not applicable.

Cosmetic Compliance (including amendments) - CHINA

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INCI IECIC	INCI Hair Dye	CAS	EINECS	Safety and Technical Standards for Cosmetics (2015) Annex	Safety and Technical Standards for Cosmetics (2015) Purity Criteria*	Note	Function
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CI 77492	-	51274-00-1	257-098-5	Annex VI	-	CH-A	Colorant
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*When compliant, requirements described in the Technical Standard are met.

"-" means not applicable.

Cosmetic Compliance (including amendments) - JAPAN

INCI JP	INCI Hair Dye	CAS	EINECS	Standards for Permitted Cosmetics MHLW 331/2000	JSQI	Note	Function
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Yellow Oxide of Iron	-	51274-00-1	257-098-5	Not listed - Permitted	Yellow Oxide of Iron	Compliant	JP-A	Colorant
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*When listed, requirements for the Tar Color are met.

"-" means not applicable.

Applications

Country	Oral/Lip Care	Eye Area	External	Rinse-Off
EU	Permitted	Permitted	Permitted	Permitted
USA	Permitted	Permitted	Permitted	Permitted
CHINA	Permitted	Permitted	Permitted	Permitted
JAPAN	Permitted	Permitted	Permitted	Permitted

*To the best of our knowledge, this product is permitted for use in cosmetic formulations as of the date of this TDS in accordance with the inventory information provided above. It remains the responsibility of our customers to verify that their finished products comply with current applicable local regulations. Gildewerk recommends that the purchaser conduct its own investigations regarding purchaser's use of this product and its own applications.

**This table is not applicable for hair dyes.

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Notes:

- EU-A Permitted in all cosmetics.
- EU-B Permitted in all cosmetics except in applications that may lead to exposure of the end-user's lungs by inhalation.
- EU-C Permitted in all cosmetics with restrictions as hair dye.
- EU-D Permitted in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.
- EU-E Permitted exclusively in cosmetic products intended not to come into contact with the mucous membranes.
- EU-F Permitted exclusively in cosmetic products to come into contact only briefly with the skin.
- EU-G Not permitted.
- EU-H Permitted as Hair-dye only with restrictions.
- EU-I Permitted in all cosmetics except as hair dye.
- USA-A Not regulated, permitted in all cosmetics.
- USA-B For coloring cosmetics, including cosmetics intended for use in the area of the eye.
- USA-C For coloring cosmetics generally.
- USA-D For coloring externally applied cosmetics.
- USA-E For coloring externally applied cosmetics, including cosmetics intended for use in the area of the eye.
- USA-F For coloring externally applied cosmetics, for coloring cosmetic lip products (3% man in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.
- USA-G For coloring externally applied cosmetics, for coloring cosmetic lip products (5% man in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.
- USA-H For coloring externally applied cosmetics, for coloring cosmetic lip products (3% man in the finished cosmetic products). Not permitted in mouthwashes, dentifrices or other oral products.
- USA-I For coloring the following cosmetics only: eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, make-up and foundation, and nail enamel.
- USA-J For use in toothpastes at not more than 0.1%.
- USA-K Not allowed to be used in sun care product in the USA as it has not been registered as API.
- USA-L Not permitted.
- USA-M For coloring cosmetics generally; except eye area.
- USA-N Not permitted as color additive. Permitted as Hair dye.
- CH-A Permitted in all cosmetics.
- CH-B Permitted in all cosmetics except in applications that may lead to exposure of the end-user's lungs by inhalation.
- CH-C Permitted in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.
- CH-D Permitted exclusively in cosmetic products intended not to come into contact with the mucous membranes.
- CH-E Permitted exclusively in cosmetic products to come into contact only briefly with the skin.
- CH-F Permitted in all cosmetics with restrictions as hair dye.
- CH-G Not permitted.
- CH-H Permitted in all cosmetics except as hair dye.
- JP-A Permitted in all cosmetics.
- JP-B Permitted in all cosmetics with restrictions as hair dye.
- JP-C Permitted in all cosmetics (this includes lip/oral, eye area, external, and rinse-off).

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JP-D Permitted for externally applied cosmetics (this includes eye area, external, and rinse-off).

JP-E Permitted for externally applied cosmetics not applied to mucous membranes (this includes eye area except for eyeliners, external, and rinse-off).

JP-F Permitted for nail and hair products only.

JP-G Not Permitted.

JP-H Permitted only as Hair Dye according to JHCIA (category II and category III).

JP-I Permitted only as Hair Dye according to JHCIA (category III) with toxicological data.

Données physico-chimiques supportées / Supported Chemical and Physical Data

Données sensorielles / Sensory Data

Test	Min	Max	Data	Uom	Method	Comments
Appearance			Powder			
Color			Yellow			

Données analytiques / Analytical data

Test	Min	Max	Data	Uom	Method	Comments
Water Solubility			Insoluble			

Physique / Physical

Description	Target
Water soluble matter / Matières solubles dans l'eau	1.0% max
Volatile matter (105°C) / Matières volatiles	1.0% max
Total iron / Fer	60% min
Fastness to light / Stabilité lumière	Good / Bonne

Métaux Lourds / Heavy Metals

Heavy Metals	Maximum Concentration
Cadmium	1 ppm
Lead	3 ppm
Arsenic	1 ppm
Mercury	0.5 ppm
Cobalt	15 ppm
Nickel	10 ppm
Selenium	10 ppm
Antimony	10 ppm
Barium	5 ppm
Copper	10 ppm
Chromium	25 ppm
Zinc	35 ppm

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Propriétés cosmétiques / Cosmetic properties

Please refer to Sales/Marketing presentation.

Utilisations conseillées / Suggested uses

Please refer to Sales/Marketing presentation.

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