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# TECHNICAL DATA SHEET

## Cosmetische kleurstof - waterbasis - geel / Cosmetic colorant - water based - yellow - KCW03

## **DEFINITION**

Chemical name	Tri-sodium 5-hydroxy-1-(4- Sulfonato phenyl-4-(4-Sulfonato phenylazo)pyrazole-3-carbaxylate	
INCI Name COLOUR INDEX CAS Nr EINECS Nr	CI 19140 19140 1934-21-0 217-699-5	NaOOC N NaO <sub>3</sub> S NaOOC N N OH SO <sub>3</sub> Na

#### REGULATIONS

EU Cosmetic Directive	Annex IV, Part 1, Cat 1
Food Directive	E102
FDA	FDC Yellow 5, allowed in all cosmetic products
JAPAN	I Yellow 104

Pure dye content	85% Min.
Water insoluble matter	0.2 Max.
Volatile matter	10% Max.
Chlorides and sulfates (as Na salts)	6% Max.
Heavy metals : Arsenic	1 ppm Max.
Lead	10 ppm Max
Manganese	50 ppm Max.
Chromium	50 ppm Max.
Mercury	1 ppm Max
Cadmium	1 ppm Max.

## **CHEMICAL & PHYSICAL PROPERTIES**

Aspect	Yellow red powder
Maximum absorption	426 (+- 5)
Fastness to acids	Stable
Fastness to alcali	Stable if not extreme pH
Fastness to light	Stable

FIELDS OF USE : All water based cosmetic products such as skin care, hair care, toiletries

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with SoapQueen regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. It is the responsibility of the client to ensure the safety of the final product containing this ingredient. Please carry out additional testing if necessary.