

MATERIAL SAFETY DATA SHEET
according to 1907/2006/EC, Article 31

564700
Reviewed on: 03/11/2010

Printing date: 03/11/2010

01 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:**
ZKZ-08000 colour pigment orange
- **Application of the substance / the preparation**
Cosmetic ingredient
- **Manufacturer/Supplier:**
Gildewerk B.V.
Jan van Geunsweg 10A, 2031 BD Haarlem, The Netherlands
Tel. +31 - (0)23 - 532 22 55
Fax +31 - (0)23 - 534 09 65
E-mail holland@gildewerk.com
www.gildewerk.com

02 Hazards identification

- **Hazard description:**
Not applicable.
- **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Prevent formation of dust.
- **GHS label elements**
Void

03 Composition/information on ingredients

- **Dangerous components:**
- | <i>CAS NO.</i> | <i>Description</i> | <i>Index R-phrases</i> | <i>%</i> |
|---------------------------------|--------------------|------------------------|----------|
| Non applicable / Not applicable | | | |

04 First aid measures

- **General information:**
No special measures required.
- **After inhalation:**
Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water.
- **After swallowing:**
If symptoms persist consult doctor.

05 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:**
Wear fully protective suit.

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06 Accidental release measures

- **Person-related safety precautions:**
Wear protective clothing.
- **Measures for environmental protection:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
- **Measures for cleaning/collecting:**
Dispose contaminated material as waste according to item 13.
Pick up mechanically.

07 Handling and storage

- **Handling:**
- **Information for safe handling:**
Store in cool, dry place in tightly closed receptacles.
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Prevent formation of dust.
Wear suitable respiratory protective device when decanting larger quantities without extractor facilities.
- **Information about fire - and explosion protection:**
Protect against electrostatic charges.
- **Storage:**
Durée de vie / Shelf life :
10 years
T°:<25°C
Tout conditionnement ouvert doit être testé chaque année / After opening, product must be rechecked every year
- **Requirements to be met by storerooms and receptacles:**
Store only in unopened original receptacles.
- **Information about storage in one common storage facility:**
Not required.
- **Further information about storage conditions:**
Protect from exposure to the light.
Caution when reopening receptacles with broken seal.
Open receptacle only under localized extractor facilities.
Store receptacle in a well ventilated area.
Protect from humidity and water.

08 Exposure controls/personal protection

- **Ingredients with limit values that require monitoring at the workplace:**
France : Poussières totales : 10 mg/m³/8h - Poussières alvéolaires : 5 mg/m³/8h - French maximum permitted exposure levels : 10 mg/m³/8h : Total dust by inhalation - 5 mg/m³/8h : alveolar dust.
- **Additional information:**
The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
- **Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.**
- **Recommended filter device for short term use:**
Filter P3
- **Protection of hands: Protective gloves**
- **Material of gloves**
Nitrile rubber, NBR
- **Eye protection: Safety glasses**
- **Body protection: Use protective suit.**

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09 Physical and chemical properties

General Information

Form: Powder

Colour: Red

Solubility in / Miscibility with

water: Insoluble.

vegetable oils: Insoluble.

paraffin oil: Insoluble.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous decomposition products:**
No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values relevant for classification:**
Oral, LD50: > 2000 mg/kg (rat) *
- **Primary irritant effect:**
- **on the skin: ***
No irritant effect.
- **on the eye: ***
No irritating effect.
- **Additional toxicological information:**
RTECS n°QL3436000 / FDA - EEC: positive lists

12 Ecological information

- **Behaviour in sewage processing plants:**
The product can be mechanically separated.
- **General notes:**
At present there are no ecotoxicological assessments.

13 Disposal considerations

- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:**
Disposal must be made according to official regulations.
Packaging may be reused or recycled after cleaning.

14 Transport information

• **Land transport ADR/RID (cross-border)**
ADR/RID class: -

• **Maritime transport IMDG:**
IMDG Class: -

• **Air transport ICAO-TI and IATA-DGR:**
ICAO/IATA Class: -

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*(continued of page 3)***15 Regulatory information****16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

ZKZ-08000 colour pigment orange

DEFINITION

Pigment monoazoïque

LEGISLATION

COLOUR INDEX

INCI

C.A.S. NUMBER

EINECS

F.D.A.

C.E.E. COSMETIQUE

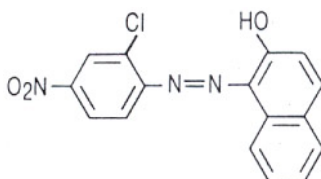
(76/768/EC incl. amendments)

C.E.E. ALIMENTATION

(95/45/EC incl. amendments)

JAPAN

FORMULE CHIMIQUE



PROPRIETES PHYSICO CHIMIQUES

Aspect
Teneur en colorant pur
Solubilité eau
Stabilité lumière

poudre/powder
95 % Mini
insoluble
moyenne/moderate

SPECIFICATIONS

Matières volatiles (135°C)
Produits insolubles dans
toluène
Intermédiaires, colorants
accessoires

1,5% max
1,5% max
passe le test/
passes test

METAUX LOURDS p.p.m.

PLOMB 0-10
ARSENIC 0-3
MERCURE 0-1

DEFINITION

Monoazoïc pigment

LEGISLATION

12085

CI 12085

2814 - 77 - 9

220 - 562 - 2

D&C red 36 (3 % max lips + ext use)

Annexe IV, Partie 1 Catégorie n°1

Autorisé dans tous les produits

cosmétiques - 3 % max

Allowed in all cosmetic products -

3 % max

-

Red N°228

CHEMICAL STRUCTURE

PHYSICAL AND CHEMICAL PROPERTIES

Aspect
Pure dye content
Water solubility
Fastness to light

SPECIFICATIONS

Volatile matter (135°C)
Matter insoluble in toluene
Intermediates, subsidiary
colors

HEAVY METALS p.p.m.

LEAD
ARSENIC
MERCURY 31.08.05