



# SAFETY DATA SHEET

Revision Date 09-Apr-2019  
Version 1

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** VIVID CARDINAL  
**Product code** KD-410

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use** Cosmetics  
**Restrictions on use** No information available

### 1.3 Details of the supplier of the safety data sheet

**Supplier** ***TKB TRADING, LLC***

1101 9th Avenue

Oakland, CA 94606

Tel: (510)-922-9027

[www.tkbtrading.com](http://www.tkbtrading.com)

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

**GHS Classification in accordance with 29 CFR 1910.1200**

#### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

### 2.2 Label elements

This product is not classified.

### 2.3. Other Hazards Hazards not otherwise classified (HNOC)

Not Applicable

### 2.4 Other information

Not Applicable

**Unknown Acute Toxicity** 1.69% of the mixture consists of ingredient(s) of unknown toxicity

### 3. Composition/Information on Ingredients

**Substance****Mixture**

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS No.	Weight-%
Aluminium Hydroxide	21645-51-2	1 - 5

The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First aid measures

**4.1 Description of first-aid measures**

<b>General advice</b>	No information available.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<b>Skin contact</b>	Immediate medical attention is not required. Wash off with soap and water.
<b>Inhalation</b>	Immediate medical attention is not required. Move to fresh air.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed****Symptoms** See Section 2.2, Label Elements and/or Section 11, Toxicological effects.**4.3 Indication of any immediate medical attention and special treatment needed****Notes to physician** Treat symptomatically.

### 5. Fire-Fighting Measures

**5.1 Extinguishing media****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** None.**5.2 Special hazards arising from the substance or mixture****Special Hazard**

None known based on information supplied.

**Hazardous Combustion Products** Carbon oxides. Nitrogen oxides (NOx).**Explosion Data****Sensitivity to Mechanical Impact** None.**Sensitivity to Static Discharge** Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**5.3 Advice for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

**6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation, especially in confined areas. Avoid dust formation. Remove all sources of ignition. Dust Deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Nonsparking tools should be used. Use personal protective equipment.

**6.2 Environmental precautions**

See Section 12 for additional Ecological information.

**6.3 Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. Handling and storage

**7.1 Precautions for safe handling**

**Advice on safe handling** Avoid dust formation. Take precautionary measures against static discharges. Fine dust dispersed in air may ignite. Wear personal protective equipment.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep tightly closed in a dry and cool place.

**Materials to Avoid** No materials to be especially mentioned.

## 8. Exposure controls/personal protection

**8.1 Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	British Columbia	Alberta	Quebec	Ontario TWAEV
Aluminium Hydroxide 21645-51-2	TWA: 1 mg/m <sup>3</sup> respirable fraction	-	TWA: 1.0 mg/m <sup>3</sup>			TWA: 1 mg/m <sup>3</sup>

**8.2 Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems.

**8.3 Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Safety glasses with side-shields.

**Skin and body protection** Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.

**Respiratory protection** . NIOSH/MSHA approved respiratory protection should be worn if exposure is anticipated.

Hygiene measures See section 7 for more information

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	Solid	Color	Red
Appearance	Powder		
Odor	Mild	Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH		No information available
Melting/freezing point		No information available
Boiling point/boiling range		No information available
Flash Point		No information available
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity	1.2	
Water solubility	Insoluble in water	
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic		No information available
Viscosity, dynamic		No information available
Explosive properties	ST3	
Oxidizing Properties		No information available

### 9.2 Other information

Volatile organic compounds (VOC) content No information available

## 10. Stability and Reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use

### 10.2 Chemical stability

Stable

### 10.3 Possibility of hazardous reactions

None under normal processing.

### 10.4 Conditions to Avoid

Dust formation. Take precautionary measures against static discharges.

### 10.5 Incompatible Materials

None known based on information supplied.

### 10.6 Hazardous Decomposition Products

None known based on information supplied.

## 11. Toxicological information

### 11.1 Acute toxicity

#### Numerical measures of toxicity: Product Information

The following values are calculated based on chapter 3.1 of the GHS document

**Unknown Acute Toxicity** 1.69% of the mixture consists of ingredient(s) of unknown toxicity

**Oral LD50** 11,716.00 mg/kg

#### Numerical measures of toxicity: Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Aluminium Hydroxide 21645-51-2	5000 mg/kg ( Rat )	-	-

### 11.2 Information on toxicological effects

#### Skin corrosion/irritation

##### Product Information

- Not a dermal irritant

##### Component Information

- No information available

#### Serious eye damage/eye irritation

##### Product Information

- Dust contact with the eyes can lead to mechanical irritation

##### Component Information

- No information available

#### Respiratory or skin sensitization

##### Product Information

- No sensitization responses were observed

##### Component Information

- No information available

#### Germ cell mutagenicity

##### Product Information

- Negative in the Ames test

##### Component Information

- No information available

#### Carcinogenicity

##### Product Information

- Contains no ingredient listed as a carcinogen

##### Component Information

- No information available

#### Reproductive toxicity

##### Product Information

- No information available

##### Component Information

- No information available

**STOT - single exposure**

No information available

**STOT - repeated exposure**

No information available

**Other adverse effects**Product Information

• No information available

Component Information

• No information available

**Aspiration hazard**Product Information

• No information available

Component Information

• No information available

## 12. Ecological information

**12.1 Toxicity****Ecotoxicity**

No information available

1.69 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Ecotoxicity effects****12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

Discharge into the environment must be avoided

**12.4 Mobility in soil**

No information available.

**12.5 Other adverse effects**

No information available

## 13. Disposal Considerations

**13.1 Waste treatment methods**

Dispose of in accordance with federal, state, and local regulations.

## 14. Transport Information

**DOT** Not regulated**MEX** Not regulated**IMDG** Not regulated**IATA** Not regulated

## 15. Regulatory information

This product is exempt from listing on the US TSCA 8 (b) inventory when it is used for cosmetic products ONLY. For any other use, the product is not listed and may be used for R&D purposes only.

### 15.1 International Inventories

TSCA	-
DSL	-
EINECS/ELINCS	-
ENCS	-
IECSC	-
KECL	-
PICCS	-
AICS	-
NZIoC	-

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL - Canadian Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

### 15.2 U.S. Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

### 15.3 Pesticide Information

Not applicable

### 15.4 U.S. State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals

## 16. Other information

<b>NFPA</b>	<b>Health Hazard</b> -	<b>Flammability</b> -	<b>Instability</b> -	<b>Physical and chemical hazards</b> -
<b>HMIS</b>	<b>Health Hazard</b> 1	<b>Flammability</b> 1	<b>Physical Hazard</b> 0	<b>Personal protection</b> X

#### Legend:

ACGIH (American Conference of Governmental Industrial Hygienists)

Ceiling (C)

DOT (Department of Transportation)

EPA (Environmental Protection Agency)

IARC (International Agency for Research on Cancer)

International Air Transport Association (IATA)

International Maritime Dangerous Goods (IMDG)

NIOSH (National Institute for Occupational Safety and Health)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

*PEL (Permissible Exposure Limit)*  
*Reportable Quantity (RQ)*  
*Skin designation (S\*)*  
*STEL (Short Term Exposure Limit)*  
*TLV® (Threshold Limit Value)*  
*TWA (time-weighted average)*

**Prepared By** TKB TRADING, LLC  
Regulatory Affairs/Product Safety

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**Revision Note**  
No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**