



# KING Colourant

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	KING Colourant
<b>Other Means of Identification</b>	KING Colourant
<b>Product Family</b>	KING Home Improvement Products
<b>Recommended Use</b>	For adding a creative colour to SAKRETE Concrete Mix, SAKRETE Sand Mix, SAKRETE Mortar Mix, stucco, patio tiles, decorative coatings and other cement based projects.
<b>Manufacturer/Supplier Identifier</b>	King Packaged Materials Company, 555 Michigan Drive, Suite 100, Oakville, Ontario, L6L 0G4, www.kpmindustries.com
<b>Emergency Phone No.</b>	King Packaged Materials Company, (800) 461-0566, 8:30am-4:30pm Chemtrec, (800) 424-9300, 24 hours/7 days a week
<b>SDS No.</b>	0158
<b>Date of Preparation</b>	September 24, 2019

## SECTION 2. HAZARD IDENTIFICATION

### Classification

Not classified under any hazard class.

### Label Elements

Not applicable

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Ferric oxide	1309-37-1	80-100%		

### Notes

Other additives not controlled through WHMIS or other legislation.

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. Seek medical attention for discomfort or if coughing or other symptoms do not subside.

#### Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

#### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Seek medical attention for abrasions.

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## Ingestion

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Immediately call a Poison Centre or doctor.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

#### Unsuitable Extinguishing Media

DO NOT use carbon dioxide, or other agents that smother the flames.

### Specific Hazards Arising from the Product

Does not burn.

High concentrations of dust in suspension may present risks for explosions.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

No special precautions are necessary.

### Environmental Precautions

No special precautions are necessary.

### Methods and Materials for Containment and Cleaning Up

Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container for disposal.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Only use where there is adequate ventilation. Avoid generating dusts.

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

### Conditions for Safe Storage

Store in an area that is: cool, dry, well-ventilated.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Ferric oxide	5 mg/m3 A4		10 mg/m3			

### Appropriate Engineering Controls

General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

#### Skin Protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

#### Respiratory Protection

Use of an approved respirator, based on a risk assessment is necessary. Respiratory protection should be selected based on the known or anticipated levels of exposure, and the work being performed.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	powder.
Odour	Odourless
Odour Threshold	Not available
pH	Not available
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	Not applicable
Evaporation Rate	Not applicable
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not applicable
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	2
Solubility	Insoluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not applicable
Other Information	
Physical State	Solid

## SECTION 10. STABILITY AND REACTIVITY

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

None known.

### Incompatible Materials

Carbon monoxide, hydrazine, calcium hypochloride, performic acid, bromine pentafluoride.

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Ferric oxide		> 10000 mg/kg (rat) (4-hour exposure)	

LC50: Not applicable.

LD50 (oral): Not applicable.

LD50 (dermal): Not applicable.

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### Skin Corrosion/Irritation

No adverse effect expected.

### Serious Eye Damage/Irritation

May cause mechanical irritation. Symptoms may include coughing and shortness of breath.

Airborne dust may cause immediate or delayed irritation or inflammation.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

May cause nose and throat irritation. Symptoms may include coughing and shortness of breath.

#### Ingestion

If large amounts are swallowed may produce gastrointestinal disturbances.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

Long-term inhalation exposure to iron has resulted in mottling of the lungs, a condition referred to as siderosis. This is considered a benign pneumoconiosis and does not ordinarily cause significant physiological impairment. Long term eye exposures may stain the eyes and leave a 'rust ring'.

### Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Ferric oxide	Group 3	A4		

Not specifically designated.

No information was located for: Skin Corrosion/Irritation, Serious Eye Damage/Irritation, STOT (Specific Target Organ Toxicity) - Single Exposure, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Respiratory and/or Skin Sensitization, Carcinogenicity, Development of Offspring, Sexual Function and Fertility, Germ Cell Mutagenicity, Interactive Effects

## SECTION 12. ECOLOGICAL INFORMATION

There are no known significant effects or critical hazards.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

## SECTION 16. OTHER INFORMATION

**SDS Prepared By** King Packaged Materials Company

**Phone No.** 905-639-2993

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