

## SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : June 1, 2022

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### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Kaolin Clay
INCI name	:	Kaolin
CAS #	:	1332-58-7
Country of Origin	:	France
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

#### GHS Classification

Serious eye damage/eye irritation - Category 2B

Specific Target Organ toxicity - single exposure - Category 3

Specific Target Organ toxicity - repeated exposure - Category 1

#### GHS Label elements, including precautionary statements

Signal: Danger

#### Hazard statement(s)

H320	Causes eye irritation
H335	May cause respiratory irritation
H372	Causes damage to organs through prolonged or repeated exposure

#### Precautionary statement(s)

P260	Do not breathe dust/fumes/gas/mist/vapours/spray.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P314	Get medical advice/attention if you feel unwell.
P337+P313	If eye irritation persists get medical advice/attention.

P403+P233

Store in a well ventilated place. Keep container tightly closed.

P405

Store locked up.

P501

Dispose of contents/container to ...

### **HMIS Ratings**

### **NFPA Ratings**

#### **Inhalation**

Dust may cause respiratory tract irritation.

#### **Skin**

#### **Eyes**

Causes eye irritation

#### **Ingestion**

May be harmful if swallowed.

### **3. COMPOSITION / INFORMATION INGREDIENTS**

<b>Product Name</b>	<b>CAS NO</b>	<b>EC NO</b>	<b>Concentration</b>
White Kaolin Clay	1332-58-7	-	100 %

### **4. FIRST AID MEASURES**

#### **Eye contact**

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

#### **Skin contact**

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

#### **Inhalation**

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

#### **Ingestion**

Seek medical attention or contact local poison control center.

### **5. FIRE FIGHTING MEASURES**

#### **Suitable extinguishing media**

Use extinguishing media that are suitable for the surrounding combustible materials.

#### **Unsuitable extinguishing media**

Water spray, water jet.

#### **Special protective equipment and precautions for fire-fighters**

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

#### **Resulting gases**

Carbon oxides.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **Personal precautions, protective equipment and emergency procedures.**

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

#### **Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

To prevent the formation of dust, avoid dry sweeping, use vacuum or cleaning systems with water spray.

## 7. HANDLING AND STORAGE

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### Precautions for safe handling

Avoid generation and spreading of dust. Avoid inhalation of dust.

### Conditions for safe storage, including any incompatibilities

Store in a cool and dry location. Spilled material (both wet and dry) may cause slippery conditions. Care should be exercised when walking on spills.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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### Exposure controls

Use exhaust ventilation, if required, to maintain dust concentration below regulatory limits.

### Eyes

Use tightly sealed goggles.

### Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

### Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

### Exposure limit values

Kaolin (Hydrous):

Long-term exposure limit (8-hour TWA): OSHA 5mg/m<sup>3</sup> - respirable fraction.

Long-term exposure limit (8-hour TWA): ACGIH 2mg/m<sup>3</sup> - respirable fraction.

Long-term exposure limit (8-hour TWA): OSHA 15mg/m<sup>3</sup> - total dust.

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Titanium Dioxide:

Long-term exposure limit (8-hour TWA): OSHA 15mg/m<sup>3</sup> - total dust.

Long-term exposure limit (8-hour TWA): ACGIH 10mg/m<sup>3</sup>

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	White powder.
Odor	:	Almost odorless.
pH	:	5 - 9
Solubility (ies)	:	Insoluble in water.

## 10. STABILITY AND REACTIVITY

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### Reactivity

This material presents no significant reactivity hazard.

### Chemical stability

Chemically stable.

### Possibility of hazardous reactions

Hazardous polymerization will not occur.

### Conditions to avoid

None.

### Incompatible materials

Not available.

## **Hazardous decomposition products**

No risk of decomposition.

## **11. TOXICOLOGICAL INFORMATION**

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### **Acute toxicity**

Silica dust can cause irritation of eyes and pulmonary tract.

### **Carcinogenicity**

This product contains titanium dioxide, a naturally occurring impurity, in a concentration >1% . Based on IARC conclusion, titanium dioxide is possibly carcinogenic to humans (Group 2B - Suspected of Causing Cancer).

### **Chronic toxicity**

Silica dust can cause lung damage: silicosis.

### **Respiratory or skin sensitization**

Prolonged exposure to dust can cause respiratory effects.

### **Inhalation**

The product may contain minute particles of dust. Prolonged inhalation to high concentrations of the dust may affect lung efficiency.

### **Skin contact**

Adverse skin effects should be prevented by normal care and personal hygiene.

### **Eye contact**

Eye contact may cause irritation.

### **Ingestion**

Ingestion may irritate the gastric tract.

## **12. ECOLOGICAL INFORMATION**

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### **Ecotoxicity**

Avoid any pollution of ground, surface or underground water.

### **Persistence and degradability**

This product is not biodegradable.

### **Bio - accumulative potential**

Not available.

### **Mobility in soil**

Not available.

### **Other adverse effects**

Not available.

## **13. DISPOSAL CONSIDERATION**

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Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

## **14. TRANSPORT INFORMATION**

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### **UN Number**

Not regulated.

### **US DOT Shipping Description (Land)**

Not regulated

## **IMO-IMDG Shipping Description (Sea)**

Not regulated

## **IATA Shipping Description (Air)**

Not regulated

## **15. REGULATORY INFORMATION**

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### **DSL / NDSL**

Listed.

### **TSCA**

On TSCA inventory.

### **California Proposition 65**

This product can expose you to heavy metals, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### **GHS Hazard Statements**

See Section 2.

### **GHS Precautionary Statements**

See Section 2.

## **16. OTHER INFORMATION**

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### **Disclaimer & Caution**

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