

Safety Data Sheet

Section 1: Company and Product Information

Product Name: Mica - Mermaid Green
INCI Name: Mica, Titanium Dioxide, Chromium Oxide Green
CI: 77019, 77891, 77288
Product Use: Cosmetic and personal care applications.
Restrictions on Use: Repackaged for cosmetic use only.
Supplier: Windy Point Soap Making Supplies Inc.
 14, 6125-12th Street SE
 Calgary, AB T2H 2K1
 587-318-6678 / 877-257-0030
Emergency Response: None

Section 2: Hazard Identification

Classification of the substance or mixture
According to Regulation (EC) No. 1272/2008(CLP): Not classified
According to Directive 67/548/EEC & Directive 1999/45/EC: Not classified
Additional information: Not available
Label elements
Hazard pictogram(s): Not applicable
Signal word(s): Not applicable
Hazard statement(s): Not applicable
Precautionary Statements: Not applicable
Other Hazards: None known

Section 3: Composition / Information on Ingredients

| Name | CAS No. | EINECS No. | Colour Index | Chemical Composition | Hazard Classification - According to directive 67/548/EEC & Directive 1999/45/EC, Regulation (EC) No. 1272/2008(CLP) |
|----------------------|------------|------------|--------------|----------------------|--|
| Mica | 12001-26-2 | 310-127-6 | 77019 | 43-47 | Not classified |
| Titanium Dioxide | 13463-67-7 | 236-675-5 | 77891 | 52-56 | Not classified |
| Chromium Oxide Green | 1308-38-9 | 215-160-9 | 77288 | 0-1 | Not classified |

Section 4: First Aid Measures

Description of first aid measures
Inhalation: in case of accident by inhalation: Remove causality to fresh air and keep at rest
Skin contact: Wash affected skin with plenty of water
Eye contact: If contact with eyes directly, flush with gently flowing fresh water thoroughly; if eye irritation persists, get medical advice/attention
Ingestion: If ingested, wash out mouth with water, drink milk or egg white
Notes to physician: No special measures are required
Most important systems and effects, both acute and delayed
Acute: None
Long term (repeated): May cause irritation to the respiratory system. Cough. Increased difficulty in breathing
Indication of immediate medical attention and special treatment needed
Recommended:
 a. Chest Xray
 b. Lung functionality tests

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Section 5: Fire Fighting Measures

Extinguishing media

Suitable extinguishing media: Extinguish with water spray, foam, or dry chemical

Unsuitable extinguishing media: Carbon dioxide

Special hazards arising from the substance or mixture

Thermal hazards: Noncombustible. None anticipated

Advice for firefighters: Fire fighters should wear complete protective clothing including self-contained breathing apparatus

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Personal precautions Do not breathe dust

Personal protection equipment Wear appropriate personal protective equipment, avoid direct contact

In case of emergency A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions

Environmental precautions Do not allow to enter drains, sewers or watercourses

Methods and materials for containment and cleaning up: Collect mechanically and dispose of according to Section 13. Use vacuum equipment for collecting spilt materials, where practicable

Reference to other sections See sections 8 and 13

Section 7: Handling and Storage

Precautions for safe handling: Avoid breathing dust

Conditions for safe storage, including any incompatibilities: Keep container in a well-ventilated place

Materials to avoid: Not known

Section 8: Exposure Control / Personal Protection

Control parameters: Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures

Exposure limit values: Not known

Exposure controls

Appropriate engineering controls: Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate the dispersive process step away from other operations. This can be achieved by local exhaust ventilation or general ventilation

Individual protections measures, such as personal protective equipment (PPE)

Hand/eye/face protection: Wear gloves, eye protection and an approved dust mask if dust is generated during handling. Goggles giving complete protection to eyes. Dust mask covering nose and mouth

Skin protection: Apron or other light protective clothing, boots and plastic or synthetic rubber gloves

Respiratory protection: Dust mask covering nose and mouth

Thermal hazards: None

Environmental exposure controls: Avoid dust generation. Avoid accumulation of dust

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Section 9: Physical and Chemical Properties

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|-------------------------------|-------------------------------|
| Form: | Powder |
| Colour: | Iridescent green |
| Odour: | Odourless |
| pH: | 6.0-9.0 (4% H ₂ O) |
| Boiling point °C: | Not applicable |
| Melting point °C: | Decomposes |
| Freezing point °C: | Not applicable |
| Density | 3.0-3.1 Kg/L |
| Bulk density: | 26-30 g/100g |
| Vapour pressure: | Not applicable |
| Solubility (in water): | Insoluble |
| Particle size: | 10-60 µm |

Section 10: Stability and Reactivity

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| Reactivity conditions: | There may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminum; calcium; magnesium; potassium; sodium; zinc; lithium) |
| Chemical stability: | Stable under normal conditions |
| Possibility of hazardous reactions: | None |
| Conditions to avoid: | High temperature |
| Incompatibility: | Strongly acidic, strongly alkaline, oxidizing agents |
| Hazardous decomposition products: | No information available |

Section 11: Toxicological Information

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| Information on toxicological effects: | This inorganic pigment in general is practically nontoxic |
| Acute toxicity: | Not available |
| Carcinogenicity: | Not available |

Section 12: Ecological Information

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|---------------------------------------|--|
| Toxicity: | No data |
| Persistence and degradability: | Insoluble in water. This product is predicted not to degrade in soil and water |
| Bioaccumulative potential: | No data |
| Mobility in soil: | Not applicable |

Section 13: Disposal Information

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|---------------------------------|---|
| Waste treatment methods: | Dispose of contents in accordance with local, state or national legislation |
|---------------------------------|---|

Section 14: Transport Information

Not classed as dangerous for transport.

| International Transport Regulations | ADR/RID | ADN | IMDG | ICAO/IATA |
|--------------------------------------|----------------|----------------|----------------|----------------|
| UN number: | Not applicable | Not applicable | Not applicable | Not applicable |
| Proper shipping name: | Not applicable | Not applicable | Not applicable | Not applicable |
| Transport hazard class(es): | Not applicable | Not applicable | Not applicable | Not applicable |
| Packing group: | Not applicable | Not applicable | Not applicable | Not applicable |
| Environmental hazards: | None | None | None | None |
| Special precautions for user: | None | None | None | None |

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Transport in bulk according to Annex II of MARPOL73/78 and The IBC Code: Not applicable Not applicable Not applicable Not applicable

Hazard label(s): Not applicable
Additional information: Custom tariff No. 32061900

Section 15: Regulatory Information

According to Directive 67/548/EEC & Directive 1999/45/EC Not classified as dangerous for supply/use
Safety, health and environmental regulations/legislations specific for the substance or mixture Not available

Section 16: Other Information

Annex to the extended Safety Data Sheet (eSDS)

ADR: European Agreement concerning international carriage of Dangerous goods by Road
CAS: Chemical Abstracts Service
EC: European Community
ICAO: International Civil Aviation Organization
IMDG: International Maritime Dangerous Goods
IATA: International Air Transport Association

DATA SOURCES

NPIRI Raw Material Handbook, Volume 4, Pigments, Second Edition, 2001
Book on "Safe Handling of Pigments", European Edition 1995, BCMA, EPSOM ETAD, VdMi
HSDB
NIOSH ICSC
Hazardous Substance Fact Sheet, New Jersey Department of Health and Senior Service

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