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According to Regulation(EU) 2015/830

Date of issue : 07.09.2020 – Version : EU\_EN/2 – Print date : February 2021

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## **Material Safety Data Sheet**

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### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

PRODUCT CODE: 60560  
CHEMICAL FAMILY: SYNTHETIC HYDRATED CHROME OXIDE  
COLOUR INDEX NAME: Pigment Green 18  
COLOUR INDEX NO.: 77289  
FDA DESCRIPTION NAME: CHROMIUM HYDRATED OXIDE GREEN  
PRODUCT NAME: Chromium Hydroxide Green

#### USE DESCRIPTION

Purified colors are manufactured for use in a variety of cosmetic applications. These products are produced to the highest purity standards possible.

Supplier: Voyageur Soap & Candle Co. LTD  
EMERGENCY TELEPHONE NUMBER: 1(800) 424-9300 CHEMTREC

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Product Name: Hydrated Chromium Oxide Green  
CAS: 12001-99-9

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### 3. HAZARDS IDENTIFICATION

Exposure to a large single doses may cause sneezing and dryness of mucous membranes. Could cause irritation of the mucous membranes and respiratory tract.

Routes of Exposure: Ingestion, inhalation, eye contact

Target organs: None identified

Symptoms of overexposure:

Inhalation: Low oral toxicity. Dust may irritating. Prolonged inhalation of air-born dust may cause scarring of the lungs (pulmonary fibrosis).  
Ingestion: Considered harmless and inert when ingested  
Dermal Contact: Can cause dryness, or may cause mild irritation.  
Acute Effects: None identified  
Chronic Effects: Repeated exposure may cause conjunctival inflammation.

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### 4. FIRST AID MEASURES



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EYE CONTACT

Flush eyes thoroughly with large amounts of water for at least fifteen minutes. Get medical attention.

SKIN CONTACT

Wash skin with water and apply moisturizers to relieve dryness. Seek medical attention in the unlikely event that irritation occurs.

INHALATION

Remove to fresh air. Get medical attention if breathing is difficult.

INGESTION

Do not give anything by mouth to an unconscious person. Do not induce vomiting. Get immediate medical attention.

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5. FIRE FIGHTING MEASURES

Nonflammable inorganic pigment product.

Extinguishing Media

Carbon dioxide, dry chemical or foam recommended. Apply water spray to cool exposed closed containers.

Special Fire-Fighting Procedures

Self-contained breathing apparatus (SCBA) and full protective equipment recommended.

Unusual Fire and Explosion Hazards

This product will not burn.

General Hazard

This inorganic pigment will not burn, and has a low level of fire hazard.

FLAMMABILITY DATA

Flash Point:	Non-flammable material
Flammability Limits:	Not applicable
Autoignition Temperature:	Not applicable
Dust Cloud Ignition Temperature:	Not applicable
Dust Layer Ignition Temperature:	Not applicable

NFPA	RATINGS	HMIS	RATINGS
Health:	0	Health:	0
Flammability:	0	Flammability:	0
Reactivity:	0	Reactivity:	0

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6. ACCIDENTAL RELEASE MEASURES

Small Spill

For dry powder spills, inert materials such as sand may be added to control dusting prior to cleanup. Place spilled material into appropriate waste containers for disposal.



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#### Large Spill

Contain spilled material immediately with an inert substance such as sand or earth. Transfer diluted waste material into appropriate containers for disposal.

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### 7. HANDLING AND STORAGE

#### Handling

Avoid employee exposure through the use of appropriate engineering controls and good industrial hygiene practices.

#### Storage

Store in a moderately cool, dry, well-ventilated area away from direct sources of heat. Empty containers may contain product residues and should be handled appropriately. Position containers so that any labelling information is visible.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Engineering Controls

The use of local exhaust ventilation is recommended.

#### Personal Protection

NIOSH approved dust respirators are recommended when handling in areas of pigment dusting. Safety glasses are also recommended. Impervious clothing should be worn when gross contact is likely, such as when cleaning up spills of large amounts.

#### Exposure Limits

OSHA TWA=2 mg/m<sup>3</sup>

ACGIH TWA=2 mg/m<sup>3</sup>

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Fine powder

COLOR: Green

MELTING POINT: No data

DENSITY: 3.4-3.6g/cm<sup>3</sup>

SOLUBILITY: Insoluble

PERCENT VOLATILE: None

VAPOR PRESSURE: Not applicable

MOLECULAR FORMULA: Cr<sub>2</sub>O<sub>3</sub> • 2H<sub>2</sub>O

VOLATILE ORGANIC COMPOUNDS (VOC's): None Cr<sub>2</sub>O(OH)<sub>4</sub>

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### 10. STABILITY AND REACTIVITY

#### GENERAL:

This product is a stable compound and hazardous polymerization will not occur.

#### INCOMPATIBILITY:

None known under conditions of normal use.

#### HAZARDOUS DECOMPOSITION PRODUCTS:



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None known.

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## 11. TOXICOLOGICAL INFORMATION

### GENERAL

Based upon industry-wide experience over many years of manufacturing and published toxicological studies, many inorganic pigments in general are considered to be practically non-toxic. This low order of toxicity is probably due to the fact that inorganic pigments are somewhat inert and insoluble substances.

### ACUTE (SHORT-TERM) TOXICITY

No known published data available.

### CHRONIC (LONG-TERM) TOXICITY

No known published data available.

### MUTAGENICITY

No known published data available.

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## 12. ECOLOGICAL INFORMATION

This product has not been evaluated for its ecotoxicity. However, the biodegradation of inorganic colorants under aerobic conditions is expected to be poor and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since inorganic pigments are mostly insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

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## 13. DISPOSAL CONSIDERATIONS

### General

This product must be disposed of in accordance with all applicable federal, state and local regulations.

### Waste Management

Incineration or landfilling are recommended disposal techniques. Contact the state or local environmental agency for specific rules.

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## 14. TRANSPORT INFORMATION

D.O.T. SHIPPING NAME (49 CFR 172.101-102) : Not regulated  
D.O.T. HAZARD CLASS (49 CFR 172.101-102).....: None  
D.O.T. LABEL.....: None  
D.O.T. PLACARD.....: None  
BILL OF LADING DESCRIPTION.....: Dry Pigments  
CERCLA SUBSTANCE (49 CFR).....: Not regulated  
REPORTABLE QUANTITY (RQ).....: None

### INTERNATIONAL

UN/NA NUMBER.....: Not regulated



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IMDG/IACO CLASSIFICATION.....: Not regulated  
IATA CLASSIFICATION.....: Not regulated

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## 15. REGULATORY INFORMATION

### OSHA Hazard Communication Standard Status

This product is not considered to be a hazardous substance under OSHA’s Federal Hazard Communication Standard 29 CFR 1910.1200.

### Toxic Substances Control Act (TSCA) Status

All of the ingredients of this material have been reported to the U.S. EPA and are included in the TSCA chemical inventory.

### SARA Title III

Section 302 (EHS)..... : NONE

Section 311/312 (Acute).....: NONE

### RCRA

Not regulated as a hazardous waste under RCRA.

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## 16. OTHER INFORMATION

### **Disclaimer**

The information provided in this Material Safety Data Sheet is based on current available data and knowledge and is believed to be accurate and given in good faith. Voyageur Soap & Candle Co. LTD and its subsidiaries however assume no liability and make no warranty, either expressed or implied, pertaining to the accuracy and completeness of the information contained herein including in regards to fitness and merchantability. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and therefore should not be construed as guaranteeing any specific property. The information herein relates only to the specific designated material and may not be valid for such material used in combination with any other materials, or in any process not specified in the text. Users should therefore consider this data only as a supplement to other information available from all other sources, and should incorporate this information into programs for the proper use and disposal of their materials and the health and safety of employees and customers.

End of Safety Data Sheet