

SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

THIS PRODUCT IS FOR EXTERNAL USE ONLY- DO NOT INGEST

1 IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Commercial Name: HIGH PURITY CHROMIUM OXIDE GREEN
INCI Name: CI 77288 / CHROMIUM (III) OXIDE
CAS No: 1308-38-9
EINECS No: 215-160-9
Reach Reg No: 01-2119433951-39-XXXX
HS Code: 320620
Ph. Eur. Name:
Chemical Name: Chromium oxide
Origin: European Union

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

Identified use (s): Cosmetic raw material for manufacturing purposes.

1.3 Details of the supplier of the safety data sheet

Company Name: SOAPMAKERS STORE
Contact: JOHN BLACK
Address: Unit 3 Quatro Park, Tanners Drive, Milton Keynes MK14 5FJ ENGLAND
Telephone : ☎ + 44 (0) 1908 334108
Fax: ☎ + 44 (0) 1908 211376
Email : ✉ sales@soapmakers-store.com
Emergency Tel. No.: ☎ + 44 (0) 1908 334108

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification according to Regulation (EC) No. 1272/2008 (CLP)

Hazard Class	Abbreviation	Hazard Category	Hazard Code	Hazard Statement

Not classified as hazardous according to criteria of EC Regulation No. 1272/2008

2.2 Label elements

Symbols: NONE

Signal word: NONE

UN Global Harmonised System Precautionary Statements (CLP)

	Prevention Statements
P210	Keep away from heat/sparks/open flames/hot surface. No smoking
P280	Wear protective gloves/clothing, eye/face protection
P264	Wash hands thoroughly after handling
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment



	Response Statements
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P321/363	Protective clothing should be washed before reuse
P331	Do NOT induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse.
P353	Rinse skin with water/shower.
P305	IF IN EYES: Rinse cautiously with water for several minutes.
P351/338	Remove contact lenses if present and easy to do. Continue rinsing.
P337/313	If eye irritation persists: get medical advice/attention
P370/378	In case of fire: Use carbon dioxide, foam or dry powder for extinction.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P391	Collect spillage

	Storage and Disposal Statements
P403	Store in a well ventilated place.
P235	Keep cool
P501	Dispose of contents and container in accordance with international regulation

3. COMPOSITION/INFORMATION ON CONSTITUENTS

3.1 Nature Of Product: CHROMIUM OXIDE GREEN

Substance Identifications: Chromium (III) oxide

CAS number: 1308-38-9

EC number: 215-160-9

Registration Number : 01-2119433951-39-XXXX

Chemical Formula: Cr₂O₃

This product meets the purity requirements in USA, JAPAN, UK and EU for cosmetic ingredients.

3.2 Constituents

These indicative levels should be taken into account when determining the compliance of the ingredient under its condition of use. (In accordance with Regulation (EC) No 1272/2008 if applicable.

COLOUR INDEX	INCI & REGULATIONS				COMMENT
	EUROPE	CHINA	U. S. A.	JAPAN	
CI 77288	CI 77288	CI 77288	Chromium oxide green	Chromium oxide	Cr ⁶⁺ < 5ppm patented process
	PT/BP 1	PT/BP 1	EXT/EA	I	

INCI NAME	CAS	European Regulation (1223/2009/EU)	China Regulation (IECIC list)	Japan Regulation (MHLW 2000)	Canada Regulation (Hot list CEPA)
CI 77288	1308-38-9	Listed - Annex IV, entry 129	Listed - IECIC 2015 Annex III, Entry 130 (Technical Hygiene Standard)	Not Listed - Allowed in all cosmetics	Not Listed - 2018

Europe / China

Product Type / Body Part (PT/BP)

PT/BP 1 : allowed in all cosmetic products

PT/BP 2 : allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.

PT/BP 3 : allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes.

PT/BP 4 : allowed exclusively in cosmetic products intended to come into contact only briefly with the skin.

USA

M/EA : for coloring cosmetics generally, including those intended for use in the area of the eye.

M : for coloring cosmetics generally.

EXT : for coloring externally applied cosmetics.

EXT/EA : for coloring externally applied cosmetics, including cosmetics intended for use in the area of the eye.

EXT* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT** : for coloring externally applied cosmetics, for coloring cosmetic lip products (5% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT*** : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products). Not permitted in mouthwashes, dentifrices or other oral products

B : for coloring the following cosmetics only : eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, make-up and foundation, and nail enamel. T : for use only in toothpastes at not more than 0.1 %

4. FIRST AID MEASURES

4.1 Description of first aid measures

- Ingestion:** Do not induce vomiting, give a glass of water. Seek urgent medical attention and show this information.
- Inhalation:** Remove casualty to fresh air, keep respiratory passages clear and seek urgent medical attention.
- Eye contact:** Irrigate with sterile water or saline for at least 15 minutes. Seek urgent medical attention if irritation persists or tissue damage is apparent.
- Skin contact:** Remove contaminated clothing wash thoroughly with soap and water and rinse. If causes irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

- 5.1 Extinguisher** Use CO₂, Foam or Powder extinguishers only.
DO NOT USE WATER JETS.
- 5.2 Special hazards** Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO₂ (carbon dioxide).

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Safety Precautions** Avoid contact with skin and eyes. Wear precautionary safety gloves and glasses & FFPI Dust mask.
(Consult sections 7 & 8 for additional information)
- 6.2 Environmental Safety Precautions** Eliminate all sources of ignition.
Prevent any material entering drains or waterways
- 6.2 Methods and materials for containment and clean up** Absorb spills into an inert absorbent material (e.g. proprietary oil drying granules or sand NOT sawdust or other flammable materials.)
Wash area clean with water and detergent.
Transfer all waste to an approved waste disposal container, observing national legislation.

7. HANDLING AND STORAGE

- 7.1 Handling Precautions** Use in a well ventilated area. Prevent creation of dust cloud, use protective dust mask. Observe good housekeeping procedures when handling the product.
Do not eat, drink or smoke. Use Local Exhaust Ventilation (LEV) to minimise worker exposure. Use protective clothing when necessary.
- 7.2 Storage Precautions** Product is stable at room temperature.
Keep away from sources of ignition.
Store in tightly sealed containers, in a cool dry place away from direct sunlight.
Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredient comments: No exposure limits known

8.2 Exposure controls

- Respiratory Protection:** Ensure adequate ventilation.
If ventilation is insufficient use approved respirators.
- Skin/Hand Protection:** Wear personal protective equipment. Use chemical resistant safety gloves.
Polyvinyl alcohol or nitrile rubber gloves are recommended.
- Eye/Face Protection:** Wear safety glasses/visors. Ensure eye washes are available.



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	Matt powder
Colour:	Green
Odour:	Characteristic
Odour threshold:	No information available
pH:	No information available
Melting point:	No information available
Initial boiling point and range:	No information available
Flash point:	No information available
Evaporation rate:	No information available
Evaporation factor:	No information available
Flammability (solid, gas):	Not flammable
Upper flammability or explosive limits:	No information available
Lower flammability or explosive limits:	No information available
Other flammability:	No information available
Vapour pressure:	No information available
Vapour density:	< 0.00001
Relative density@ 20°C:	5.20 g/cm ³
Bulk density:	No information available
Solubility(ies):	Insoluble in water
Partition coefficient:	No information available
Auto-ignition temperature:	No information available
Decomposition Temperature:	900.00 °C
Viscosity:	No information available
Explosive properties:	No information available
Explosive under influence of a flame:	No information available
Oxidising properties:	No information available

9.2. Other information

10. STABILITY AND REACTIVITY

<u>10.1. Reactivity</u>	There are no known reactivity hazards associated with this product.
<u>10.2. Chemical stability</u>	Stable at normal ambient temperatures and when used as recommended.
<u>10.3. Possibility of hazardous reactions</u>	Will not polymerise.
<u>10.4. Conditions to avoid</u>	Keep away from any source of ignition, do not allow to freeze
<u>10.5. Incompatible materials</u>	Avoid strong oxidisers, acids and alkalis.
<u>10.6. Hazardous decomposition products</u>	Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Oral LD₅₀: >5000 mg/Kg

Inhalation LC₅₀: n/a **This product is NOT intended for oral use.**

LD50 dosage levels are only a guideline obtained from historical data, Soapmakers Store does not test its products on animals.

Skin corrosion/irritation:	No irritation expected
Serious eye damage/irritation:	No irritation expected
Respiratory sensitisation:	No information available
Skin sensitisation:	No irritation expected
Germ cell mutagenicity:	No information available
Carcinogenicity:	No information available

11.2 Information on other hazards

Endocrine disrupting properties : No information available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Component
Chromium (III) oxide

Ecotox Data

a) Aquatic acute toxicity : LC50 Fish Brachydanio rerio > 10000.00000 mg/L 96h

a) Aquatic acute toxicity : EC50 Algae Desmodesmus subspicatus = 11.70000 µg/L 72h OECD Guideline 201

12.2 Persistence and degradability Readily biodegradable.

12.3 Bioaccumulative potential Bioaccumulation is unlikely

1.4 Mobility in soil No information available

12.5 Results of PBT and vPvB assessment No information available

12.6 Endocrine disrupting properties No information available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not pour into drains or waterways.
Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures

Comply with local and national regulations for waste disposal.
Empty containers should be washed thoroughly with detergent before being sent for disposal.
Washings should be disposed of as waste.

14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.): NON HAZARDOUS SUBSTANCE, POWDER
ADR/RID (Road/Rail): Not restricted
IMDG-CODE (Sea): Not listed
ICAO/IATA (Air): Not regulated
UN Number:
Packing Group:
Subsidiary Risk:
Packing Instructions: Non-hazardous substance, transport in suitable container..

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: NON HAZARDOUS SUBSTANCE, POWDER

15. REGULATORY INFORMATION

Product Classification: CHROMIUM OXIDE GREEN

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

Classification: NON- HAZARDOUS

Safety Precautions:

Do not eat, drink or smoke when using this product.
Wear protective gloves and wash hands thoroughly after handling.
Keep container tightly closed.
Avoid release to the environment.

16. ADDITIONAL INFORMATION

Legal disclaimer:

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Since the conditions of use are out of our control, Soapmakers Store, a Division of Aroma Trading Ltd, Registered No. 2698381, V.A.T. Registration No. 600 516 981, shall not be held liable for any damage resulting from handling or from contact with the product. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.