

Chromium Oxide Green

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 10-Jun-2024
Supersedes: 14-Feb-2019

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Chromium Oxide Green	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	CI 77288 (Chromium oxide green)	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	1308-38-9	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Solid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified.												
GHS Labeling:	No labelling is required in accordance with GHS directives.												
GHS Hazard Pictograms:	None.												
GHS Hazard Statements:	None.												
GHS Precautionary Statements:	None.												
Potential Health Hazards:	Eyes: Not expected to be an irritant. Inhalation: May be an irritant. Skin: Not expected to be an irritant. Ingestion: May cause nausea, vomiting, or diarrhea.												
HMIS Ratings:	<table border="0"> <tr> <td>Health</td> <td>2</td> <td>Moderate</td> </tr> <tr> <td>Flammability</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Personal Protection</td> <td>B</td> <td></td> </tr> </table>	Health	2	Moderate	Flammability	1	Slight	Reactivity	0	Minimal	Personal Protection	B	
Health	2	Moderate											
Flammability	1	Slight											
Reactivity	0	Minimal											
Personal Protection	B												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
CI 77288 (Chromium Oxide Green)	1308-38-9	100%	Not Available

4 FIRST AID MEASURES

Eyes:	Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids held open. Eventually a doctor (or eye specialist) should be consulted.
Inhalation:	Upon inhalation of aerosol/vapor/dust, take the patient into the fresh air; if there is difficulty in breathing, medical advice is required.
Skin:	Take off immediately all contaminated clothing. Cleanse with plenty of water, soap or other non-irritating cleansing agents.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. If the product is swallowed, the patient must at once drink water repeatedly, if possible, with the addition of activated carbon. If the patient feels unwell, seek medical advice.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (water spray, foam, dry powder) for adjacent fire. Do not use CO ₂ as an extinguisher.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Fire residues and contaminated firefighting water must be disposed of in

Flash Points:	accordance with the local regulations.
Specific hazards arising from the chemical:	Not applicable. Not determined. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Avoid formation and deposition of dust. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Take up spilled product with dust-binding material or suitable vacuum cleaner. Fill into labelled, sealable containers. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Avoid formation and deposition of dust. Keep container tightly closed and dry. Observe the usual precautionary measures required for chemicals with dust-explosive properties. Observe national regulations. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Store in original container in a cool, dry place. In filling operations take precautionary measures against static discharges. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Chromium Oxide Green	Not available	Not available	Not available

TWA: Time Weighted Average over 8 hours of work.
TLV: Threshold Limit Value over 8 hours of work.
REL: Recommended Exposure Limit
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
IDLH: Immediately Dangerous to Life or Health
WEEL: Workplace Environmental Exposure Levels
CEIL: Ceiling

Personal Protection:

Eyes:	Avoid eye contact. Wear safety glasses with side protection shields.
Inhalation:	Do not breathe dusts. Wear dust mask with particle filter.
Body:	Wear suitable gloves e.g. of PVC or nitrile rubber. In the event of contamination, change protective gloves immediately. Wear full protective clothing.
Other:	Keep away from food and drink stuffs. Do not eat, drink, or smoke at work. Use skin-protecting ointment. Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder	Vapor Pressure:	Not determined
Odor:	Odorless	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Green	Flammability:	Not determined
Molecular Weight:	No data available	Upper/lower Explosive Limit:	Not determined
pH:	Not determined	Flash Point:	Not applicable
Boiling Point:	Not determined	Specific Gravity:	5.10
Melting Point:	Not determined	Water Solubility:	Dispersible
Density:	Not determined	Auto-Ignition Temperature:	Not determined
Partition Coefficient: n-octanol/water:	Not determined	Decomposition Temperature:	No data available
Dynamic/Kinematic Viscosity:	Not determined	Explosive Properties:	No data available

Oxidizing Properties:	No data available	Metal Corrosion:	No data available
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10 STABILITY AND REACTIVITY

Reactivity:	No hazardous reactions when stored and handled according to prescribed instructions.
Chemical Stability:	No thermal decomposition when stored and handled correctly.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	None known.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	No thermal decomposition when stored and handled correctly.
Possible Hazardous Reactions:	In the case of dusty organic products, the possibility of a dust explosion should always be considered.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	Non-irritant.
Eyes:	Non-irritant.
Inhalation:	No data available.
Ingestion:	(Rat) LD50: > 2,000 mg/kg.
Likely Routes of Exposure:	Inhalation, skin contact, eye contact, and ingestion are listed as primary routes of exposure. Skin absorption is not a likely route of exposure.
Carcinogenicity:	Not listed as a carcinogen by IARC, NTP, OSHA, ACGIH, or California Prop. 65.
Teratogenicity:	Not necessary.
Germ Cell Mutagenicity:	Not determined.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	Not determined.
Reproductive Toxicity:	No data available.
Sensitization:	Non-sensitizing.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
Aquatic Vertebrate:	(Fish toxicity) LC50: > 100 mg/l; 96 hours.
Aquatic Invertebrate:	Not determined.
Terrestrial:	(Bacteria Toxicity) EC50 > 100 mg/l; 3 hours.
Persistence and Degradability:	If regulations are followed when introducing effluent into biological waste water treatment plants, no adverse effect on the degradation activity of activated sludge is to be expected.
Bioaccumulative Potential:	Not determined.
Mobility in Soil:	Not determined.
PBT and vPvB Assessment:	Not determined.
Other Adverse Effects:	Not determined.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	If utilization or recycling of the product is not possible, it should be disposed of according to the local regulations and laws, e.g. by incineration in a suitable plant. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
Product Containers:	Soiled, empty containers are to be treated in the same way as the contents. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Non-dangerous goods.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Non-dangerous goods.
IATA (International Air Transport Association):	Non-dangerous goods.
ICAO (International Civil Aviation Organization):	Non-dangerous goods.

15 REGULATORY INFORMATION

TSCA Inventory Status:	The components of this product are listed on the TSCA inventory.
SARA 313:	This product contains the following component that is subject to the reporting requirements under 40 CFR 372. Chromium (III) oxide; Content: 99.49%.
SARA 312:	Immediate (acute) health hazard: Yes. Delayed (chronic) health hazard: No. Fire hazard: No. Sudden Release of Pressure: No. Reactivity: No.
Canada (DSL):	No data available.
EU (EINECS):	No data available.
China (IECSC):	No data available.
Australia (AICS):	No data available.
Japan (ENCS):	No data available.
Philippines (PICCS):	No data available.
Korea (KECI):	No data available.
New Zealand (NZIoC):	No data available.

16 OTHER INFORMATION

Revision Date:	10-Jun-2024
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.