

**RP Chargreen**

SDS Number:

Revision Date: 12/20/19

Page 1 of 5

**1 PRODUCT AND COMPANY IDENTIFICATION**

**Manufacturer**

ChromaScape  
 2055 Enterprise Pkwy  
 Twinsburg, OH 44087

**Contact:** Chemtrec: 1-800-424-9300  
**Phone:** 330-998-7574  
**Web:** www.chromascape.com

**Product Identifier:** RP Chargreen  
**Synonyms:** Pigment  
**Common Name:** Metal Oxide  
**Revision Date:** 12/20/19  
**Version:** 1.0  
**CAS Number:** Mixture  
**RCRA Number:** None  
**Chemical Family:** Metal Oxide Pigment  
**Product Use:** Concrete pigment / concrete additive.

**2 HAZARDS IDENTIFICATION**

**Classification of the Substance or Mixture**

**GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

Health, Skin corrosion/irritation, 3  
 Health, Serious Eye Damage/Eye Irritation, 2 B  
 Health, Specific target organ toxicity - Single exposure, 3

**GHS Label Elements, Including Precautionary Statements**

**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:**



**GHS Hazard Statements:**

H316 - Causes mild skin irritation  
 H320 - Causes eye irritation  
 H335 - May cause respiratory irritation

**GHS Precautionary Statements:**

P264 - Wash \_ thoroughly after handling.  
 P284 - Wear respiratory protection.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**Hazards not Otherwise Classified (HNOC) or not Covered by GHS**

**Route of Entry:** Eyes, skin  
**Target Organs:** Skin; Eyes;  
**Inhalation:** Prolonged repeat contact may cause mild irritation.  
**Skin Contact:** Prolonged repeated contact may cause mild irritation  
**Eye Contact:** Prolonged repeated contact may cause mild irritation.  
**Ingestion:** No harmful effects are known to occur.

Note:

**RP Chargreen**

SDS Number:

Revision Date: 12/20/19

Page 2 of 5

Product may contain small traces of silica below 1%.  
 Use respiratory protection and hazard controls. Use particulate protection.  
 Gloves and/or skin protection is recommended.  
 Safety glasses or eye protection recommended.  
 Repeat prolonged exposure above the PEL may cause skin, eye and respiratory irritation.  
 May aggravate upper respiratory tract conditions with out respiratory protection.  
 Silica in airborne respirable particulate is known to cause silicosis and lung cancer.  
 Use respiratory protection.

**3 COMPOSITION/INFORMATION OF INGREDIENTS**

**4 FIRST AID MEASURES**

**Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.  
**Skin Contact:** Promptly flush skin with water until all chemical is removed.  
**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.  
**Ingestion:** Not considered dangerous.

**5 FIRE FIGHTING MEASURES**

**Flammability:** Non-flammable  
**Flash Point:** Non-combustible  
**Flash Point Method:** N/A  
**Burning Rate:** N/A  
**Autoignition Temp:** N/A  
**LEL:** N/A

**6 ACCIDENTAL RELEASE MEASURES**

Do not discharge into drains.  
 Do not dump in drains or storm water.  
 Pick up excess liquid with inert absorbent material and place into separate waste container.  
 Sweep up, place in bag and hold for waste disposal.  
 Watch out for slippery conditions when spillage.  
 Dispose of waste properly.  
 Not hazardous waste.  
 This product is not environmentally hazardous. It will however, cause, discoloration of soil and storm water. Avoid soil and water contamination.

**7 HANDLING AND STORAGE**

**Handling Precautions:** Wash thoroughly after handling.  
 Gloves optional but recommended for prolonged direct skin contact.  
**Storage Requirements:** Do not store in temperatures over 130 degrees F.  
 2 year shelf life.

**RP Chargreen**

SDS Number:

Revision Date: 12/20/19

Page 3 of 5

Keep dry.  
 Store in original container or closed sealed containers after opening.  
 Relable all transfer containers.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Controls:** Use with ventilation or outdoors.  
**Personal Protective Equipment:** Eye protection: If working in confined area where dust is heavy, it is advisable to wear safety goggles or glasses with side shields to reduce exposure.  
 Skin protection: Gloves; optional - coveralls or apron to reduce skin contact and keep personal clothing free of dust.  
 Respiratory protection: Use NIOSH respiratory protection, air purifying respiroator or dust mask with particulate filtration in accordance with OSHA CFR 29 1910.134 with protection factor as necessary to reduce exposure levels below the PEL.  
 General safety and hygiene measures: Wash thoroughly with soap and water after handling.

**Exposure Limits according to:**  
**US OSHA (TWA<sub>5</sub>)/PEL):** CaCO<sub>3</sub>: 15mg/M3 total dust; 5 mg/M3 Respirable dust TWA  
**ACGIH (TWA/TLV):** 10mg/M3.

**Respiratory Protection:** Use respiratory protection, NIOSH approved particulate respirator or dust mask depending on exposure level.  
**Ventilation:** Ventilation recommended, not required.  
**Protective Gloves:** Gloves recommended, but optional.  
**Eye Protection:** Safety glasses recommended for dusty conditions.  
**Other Protective Equipment:** Not required.

TWA= Time weighted average.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Yellow to red fine granular solid.	<b>Odor:</b>	Odorless.
<b>Physical State:</b>	solid	<b>Solubility:</b>	Very slight solubility.
<b>Odor Threshold:</b>	Odorless.	<b>Softening Point:</b>	Not applicable
<b>Spec Grav./Density:</b>	>1	<b>Percent Volatile:</b>	Not applicable
<b>Viscosity:</b>	Not applicable	<b>Freezing/Melting Pt.:</b>	Not applicable.
<b>Saturated Vapor Concentration:</b>	Not applicable	<b>Flash Point:</b>	NA
<b>Boiling Point:</b>	212F	<b>Vapor Density:</b>	Not applicable
<b>Flammability:</b>	Not flammable	<b>VOC:</b>	Not applicable.
<b>Partition Coefficient:</b>	Unknown.	<b>Auto-Ignition Temp:</b>	Not applicable
<b>Vapor Pressure:</b>	Not applicable.	<b>UFL/LFL:</b>	Not applicable.
<b>pH:</b>	5 - 8 pH in water (product is solid)		
<b>Evap. Rate:</b>	<1		
<b>Decomp Temp:</b>	Not applicable		

**10 STABILITY AND REACTIVITY**

**Chemical Stability:** Stable and non - reactive.  
**Conditions to Avoid:** Keep dry  
**Materials to Avoid:** Not reactive.  
**Hazardous Decomposition:** None

**RP Chargreen**

SDS Number:

Revision Date: 12/20/19

Page 4 of 5

**Hazardous Polymerization:** None

**11 TOXICOLOGICAL INFORMATION**

**Toxicity Data:**

Eye Effects: May be irritating.  
 Skin Effects: May be irritating.  
 Acute Inhalation Effects: None.  
 Chronic Effects: None.  
 Carcinogenicity: Not known to be carcinogenic.  
 Mutagenicity: Not known to be mutagenic.  
 Teratogenicity: Not known to be teratogenic.

**Acute Oral Effects:**

No toxicological testing has been conducted, since no toxicological effects are expected. May cause slight irritation but is not expected to produce adverse effects. Not intended for ingestion.

**12 ECOLOGICAL INFORMATION**

Ecological testing has not been performed on this product.  
 Dispose of contents and container properly.  
 Do not dump.  
 Contents may cause discoloration in soil and water.

**13 DISPOSAL CONSIDERATIONS**

Dispose of contents properly.  
 Dispose of as dry solid waste.  
 Dispose of packaging properly.  
 Recycle packaging.  
 RCRA: not listed.

**14 TRANSPORT INFORMATION**

Not classified  
 US DOT: Not Classified  
 UN Shipping Class: Not Classified  
 UN Packing Group: Not Classified

**15 REGULATORY INFORMATION**

**Regulatory information:**

OSHA hazard category: Crystalline silica (quartz) is not regulated as a human carcinogen but as a toxic and hazardous substance.

RCRA This mixture and or its contents are not a hazardous waste if disposal is required

CERCLA Components of this mixture are not CERCLA hazardous substances.

**RP Chargreen**

SDS Number:

Revision Date: 12/20/19

Page 5 of 5

**CONEG** This mixture and or its contents meet the CONEG limits for the sum of the levels of Lead, Cadmium, Mercury, and Hexavalent Chromium of less than 100 PPM by weight.

**RoHS** Product does not contain RoHS restricted substances.

**ODC** This mixture does not contain any Ozone Depleting Compounds.

**TOX** This mixture does not contain any Organic Halogens (EPA 9020)

**CAA of 1990**

This mixture is not made with nor does it contain any Class 1 or Class 2 ozone depleting substances as defined under the 1990 amendments to the act.

**SARA (302)**

This mixture does not contain any constituents that are identified as extremely hazardous.SARA (302)

**SARA (311/312)**

Portland cement qualifies as a hazardous substance with delayed health effects. Portland cement may contain crystalline silica which is classified by the IARC as a known carcinogen. Some studies indicate potential for lung cancer or lung injury including silicosis. Reportable in quantities over 10,000 lbs.

**CA Prop 65**

This product contains a CA Prop 65 listed substance.

This product may contain small traces of silica below 1%.

Silica in airborne respirable particulate is known to cause silicosis and lung cancer.

Use respiratory protection.

The information on this SDS is provided in good faith in the interest of product safety and believed to be accurate to the best of our knowledge. However, ChromaScape makes no guarantee and assumes no liability for the data contained. Users should conduct their own research regarding suitability for their purposes. Nothing contained in this SDS should be misconstrued as permission to violate any regulation. End users should follow all local, state, national and international regulations as apply.