

**Preferred Blue**

SDS Number:

Revision Date: 12/03/2019

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**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:** Preferred Blue  
**Synonyms:** Color dispersion  
**Common Name:** Metal Oxide Dispersion  
**Revision Date:** 12/03/2019  
**Version:** 1.0  
**CAS Number:** Mixture  
**Chemical Family:** Aqueous dispersion of metal oxide  
**Product Use:** Colorant.

**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.  
 P352 - Wash with soap and water.

**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 that GHS hazard categories go from low hazard substances with higher numbers to lower numbers which are more hazardous substances.

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Hazard category 3 skin hazard is the lowest level hazard meaning mild skin irritant.  
 Hazard category 2B eye hazard is the lowest level hazard meaning mild eye irritant.

**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.  
**Storage Requirements:** Keep from freezing.  
 Do not store in excessive heat > 100 F.  
 Store out of direct sunlight.  
 Prevent contact with storm water.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Personal Protective Equipment:** HMIS PP, B | Safety Glasses, Gloves, recommended.

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**Exposure Limits according to:**

**US OSHA (TWA<sub>5</sub>)/PEL):** None

**ACGIH (TWA/TLV):** None

**Respiratory Protection:** Not required.

**Ventilation:** Ventilation recommended, not required.

**Protective Gloves:** Rubber gloves recommended.

**Eye Protection:** Use safety glasses.

**Other Protective Equipment:**  
Not required.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Blue liquid	<b>Odor:</b>	Faint odor.
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	Dispersible
<b>Odor Threshold:</b>	Not established.	<b>Freezing/Melting Pt.:</b>	32F
<b>Spec Grav./Density:</b>	>1	<b>Flash Point:</b>	NA
<b>Boiling Point:</b>	212F	<b>Vapor Density:</b>	Not applicable
<b>Flammability:</b>	Not flammable	<b>Bulk Density:</b>	9.6-10.3 weight per gallon.
<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>	7.8-8.8		
<b>Evap. Rate:</b>	<1		
<b>Decomp Temp:</b>	Not applicable		

**10 STABILITY AND REACTIVITY**

<b>Chemical Stability:</b>	Stable and non - reactive.
<b>Conditions to Avoid:</b>	Excessive heat and freezing.
<b>Materials to Avoid:</b>	Strong oxidizers, aluminum powder.
<b>Hazardous Decomposition:</b>	None
<b>Hazardous Polymerization:</b>	None

**11 TOXICOLOGICAL INFORMATION**

**Toxicity Data:**

<b>Eye Effects:</b>	May be irritating.
<b>Skin Effects:</b>	May be irritating.
<b>Acute Inhalation Effects:</b>	None.
<b>Chronic Effects:</b>	None.
<b>Carcinogenicity:</b>	Not known to be carcinogenic.
<b>Mutagenicity:</b>	Not known to be mutagenic.
<b>Teratogenicity:</b>	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**

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

**13 DISPOSAL CONSIDERATIONS**

Dispose of contents properly.  
 Dispose of containers properly.  
 Containers can be re-used or recycled.  
 Free IBC disposal call: 1-888-SCHUETZ or 1-888-724-8389  
 Product is not a hazardous waste under US or Canadian regulation.

**14 TRANSPORT INFORMATION**

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

**15 REGULATORY INFORMATION**

International Inventories and U.S. Regulations :  
 All components of this product are listed on or are exempt from the following inventories:  
 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.  
 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.  
 HAP This mixture does not contain any Hazardous Air Pollutants.  
 ODC This mixture does not contain any Ozone Depleting Compounds.  
 TOX This mixture does not contain any Organic Halogens (EPA 9020)  
 CWA (40 CFR 116) This mixture does not contain a Clean Water Act listed priority pollutant.  
 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 (311/312)  
 Not reportable.  
 SARA (313)  
 This mixture does not contain any substances identified under Section

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313 as toxic chemicals in Excess of the de minimis concentrations necessary to be subject to this rule.

CA Prop 65

This product contains a CA Prop 65 listed substance.

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**OTHER INFORMATION**

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.

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