

Material Safety Data Sheet

According to 91/155/EEC and ISO 11014-1

CHROME OXIDE GREEN DB521



1. Identification of substance and of the company

Trade Name : Chrome Oxide Green DB521
COMEURO CA S.A
Apdo 247-6100, Ciudad Colón, Costa Rica
Tel (506) 249-1707 Fax (506) 249.0706

2. Composition / Data on components

Chemical Characterization:
Chemical Formula: Cr_2O_3 , CAS N° 1308-38-9
Dangerous components: none

3. Hazard identification

Hazardous: Yes
Inhalation: causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath.
Skin contact: causes irritation to skin. Symptoms may include redness, itching and pain.
Eye contact: causes irritation, redness and pain.

4. First aid measures

After inhaling: supply fresh air
After eye contact: flush with plenty of pressure water for 15 mins, occasionally raising eye lids
After skin contact: wash skin with mild soap and water. Get medical attention immediately.

5. Fire fighting measures

Suitable extinguishing media: no restriction
Special hazards caused by the material, its combustion products or resultant gases: none
Special personal protection equipment: in the event of fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental release

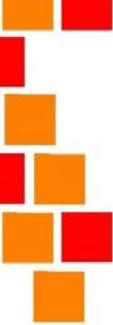
Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in section 8.
Spills: pick up and place in a suitable container for reclamation or disposal in a method that does not generate dust. Do not sweep. Damp mop any residue.

7. Handling and storage

Keep in a tightly closed container, stored in a cool, dry ventilated area. Protect against physical damage. Do not store on wooden floors. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

8. Exposure control/personal protection

Airborne exposure limits:
- OSHA Permissible Exposure Limit (PEL) : for Cr (III) compounds + 0.5mg/m³ (TWA)
- ACGIH Threshold Limit Value (TLV): for Cr (III) compounds = 0.5mg/m³ (TWA), A4
Skin protection: wear impervious protective clothing, including booth, gloves, lab coat, apron or coveralls.
Eye protection: use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye-wash fountain and quick drench facilities in work area.
Respiratory protection: appropriate dust filter to be used if breathable dust is liberated.



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9. Physical and chemical properties

appearance: light to dark green crystalline solid
colour: green
odour: odourless
Solubility: negligible (<0.1%)
Specific Gravity: 5.10
pH-value: No information found
% volatile by volume @ 21°C: 0
Boiling point: 4000°C
Melting point: 2435°C
Vapor pressure (mm Hg): not applicable
Evaporation rate (Buac=1): no information found

10. Stability and reactivity

Stability: stable under ordinary conditions of use and storage
Hazardous Decomposition Products: no information found
Hazardous Polymerization: will not occur
Incompatibilities: Lithium, Glycerol
Conditions to avoid: dusting

11. Toxicological information

Because of experience with the product mentioned, there are no recognizable hazards for human beings, if it is correctly used and applied.

12. Ecological Informations

Environment fate: when released into the soil, this material is not expected to biodegrade. This material is not expected to significantly bio-accumulate. Environment toxicity: no information found.

13. Disposal considerations

Whatever cannot be saved for recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport information

No declaration for transport required.

15. Regulatory information

Poison schedule: no information found.
WHIMS: this MSDS has been prepared according to the hazard criteria of controlled products regulations (CPR) and the MSDS contain all the information required by the CPR.

16. Further information

Vertical marking at left margin denote alterations of previous issue.
The information contained herein is based on the present state of our knowledge, but without liability.
Department issuing this data sheet: product safety department