

DEMTAS PIGMENT AND CHEMICAL CO.LTD.

1. Identification of substance and of the company

Trade Name: Chrome Oxide Green

DEMTAŞ PİGMENT VE KİMYEVİ MAD.İMALAT SAN. VE DIŞ TİC.LTD.ŞTİ.

2. Composition/Data on components

Chemical characterization:

Chemical Formula: Cr₂O₃, CAS. No.: 1308-38-9 Molecular Weight:151.99

Dangerous : none

3. Hazards identification

Hazardous: yes

Inhalation: causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath

Skin contact: causes irritation to skin. Symptoms include redness, itching, and pain

Eye contact: cause 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 a 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 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 controls/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 - Not classifiable as a Human carcinogen.

Skin protection:wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, As appropriate, to prevent skin contact. 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: An appropriate dust filter has to be used if a breathable dust is liberated.

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: no information found.

% volatile by volume@21C (70F):0

Boiling point: 4000C(7232F)

Melting point: 2435C(4415F)

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 experiences with the product mentioned, there are no recognizable hazards for human beings, If it is correctly used and applied.

12. Ecological information

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 regulation may differ from federal disposal regulations. Dispose of container and unused Contents in accordance with federal, satate and local requirements.

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 regulation may differ from federal disposal regulations. Dispose of container and unused Contents in accordance with federal, satate and local requirements.

14. Transport information

No declaration for transport required.

15. Transport 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 of the information required by the CPR.

16. Further information: Vertical markings 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

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TECHNICAL DATA

PRODUCT NAME: Chromium(III)Oxide, chromic oxide, chromium oxide CAS NO.: 1308-38-9
C.I NO.: P.G.17(77288) Molecular Formula: Cr₂O₃ Molecular Weight: 151.99

Edition of: 2020-01-15

Produce Name	Chromium(III)Oxide, chromic oxide, chromium oxide CAS	
No	1308-38-9	
C.I NO.	P.G.17(77288)	
Molecular Formula	Cr ₂ O ₃	
Molecular Weight	151.99	
Full shade	A E*ab	< 1.0
Tinting Strength	%	100±5
Oil Absorption	ml/100g	15 - 25
PH Value		6.0-8.0
Moisture and Volatile Matter at 105 °C	max,%	0.15
320p Residue on Sieve	max,%	0.3
Matter Soluble in water	max,%	0.2
Tamped Density	g/cm ³	0.8-1.2
Heat Stability	C	1250
Cr₂O₃	min, %	99

PACKING In 25kgs kraft paper bags.