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**MATERIAL SAFETY DATA SHEET**  
**CHROMILITE KC-50**

**Section I Identification**

Product Trade Name: CHROMILITE KC-50

**Section II Proprietary Formulation**

Hazardous Component:	CAS NO.	Percentage	ACGIH-TLV
None. CHROMIC ACID	1333-82	<75%	0.05mg/m <sup>2</sup>

Remainder of ingredients not known to be hazardous

**Section III Physical Data**

Appearance and Odor: Gray-White powder

Solubility in Water: _____	Boiling Point: <u>Decomposes</u>
Negligible: _____	Vapor pressure: <u>NA</u>
Slight: _____	Percent Volatile by Volume: <u>NA</u>
Moderate: _____	Evaporation Rat: <u>NA</u>
Appreciable: <u>X</u>	Specific Gravity: <u>NA</u>
Complete: _____	pH: <u>&lt;1.0 depending on concentration</u>

**Section IV Fire and Explosion Hazard Data**

Flash Point: None (method used) Flammable/Explosive Limits: LEL:NA UEL:NA

Extinguishing Media: Product is nonflammable. Use media appropriate for surrounding fire.

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion Hazards: Containers may explode when involved in fire.

**Section V Health Hazard Data**

Threshold Limit Value: None known or established

Effects of Overexposure

Acute: Corrosive to eyes, skin and mucous membranes.

Chronic: Corrosive to eyes, skin and mucous membranes.

Principal Route of Exposure: Skin contact, ingestion, and inhalation.

Emergency First Aid Procedures:

Eye: Wash water 15 minute, Get medical attention.

Skin: Wash water 15 minute, Get medical attention.

Inhalation: Remove a fresh air, Get medical attention.

Swallowing: Give large quantities of water, if available, give seventy glass of milk and get medical attention.

**Section VI Reactivity Data**

Stability: Stable: X Unstable: \_\_\_\_\_

Hazardous Polymerization: May Occur: \_\_\_\_\_ Will not Occur: X

Incompatibility (Materials to be avoided): \_\_\_\_\_  
Hazardous Decomposition Products: \_\_\_\_\_

**Section VII      Procedures to be taken in case of Spillage or Leakage**

Steps to be taken in case material is released or spilled:

Eliminate ignition sources. Place spilling container in ventilated area. To clean up spill Flush area with water or use an reducing agent ( a solution of sodium bisulfite, sodium sulfite)

Waste Disposal Method: Licensed waste treatment facility.

EPA I.D. No.: \_\_\_\_\_ RQ: \_\_\_\_\_

**Section VIII      Special Safety Information**

Ventilation:

Local Exhaust:        X        Respiratory Protection: \_\_\_\_\_

Protective Clothing:

Gloves:        X        Others: \_\_\_\_\_

Chemical Safety Goggles:   X  

Full Face Shield:        X  

Note: Eyes fountain and safety shower must always be available.

Boots:        X  

**Section IX      Special Safety Information**

Handling & Storage: Store in cool, Dry location away from ignition source, combustible organic or other realy oxidizable materials.

**Section X      Shipping Information**

DOT Proper Shipping name: Chromium trioxide, anhydrous, toxic (Chromic Acid)

Hazard Class: 5.1

DOT Labels: Oxidizer, Corrosive, Toxic

IATA Class: 5.1      Packing Group: 2      UN#: 1463

IMDG Class: 5.1      Packing Group: 2      IMCO Pg.#: 5145      UN#: 1463

NI : No relevant information available.

NA: Not applicable.

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