

**Chemetall Oakite****Material Safety Data Sheet**

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<b>Section 1. Chemical Product and Company Identification</b>	
<b>Trade name</b>	<b>ARDROX ULTRA-GLO 8800 FLUORESCENT MAG POWDER</b>
<b>Supplier</b>	Oakite Products, Inc. A Member of the Chemetall Group 50 Valley Road Berkeley Heights, NJ 07922 (800) 526-4473 (8am-5pm EST.)
<b>Synonym</b>	Not available.
<b>Material Uses</b>	Not available.
<b>Manufacturer</b>	Oakite Products, Inc. A Member of the Chemetall Group 50 Valley Road Berkeley Heights, NJ 07922 (800) 526-4473 (8am-5pm EST.)
<b>Code</b>	A8800
<b>Effective Date</b>	8/14/2000
<b>Print Date</b>	8/14/2000
<b>In case of Emergency</b>	
CHEMTREC 800-424-9300 Non-Emergency Phone: (800) 526-4473	

<b>Section 2. Composition and Information on Hazardous Ingredients</b>				
Name	CAS #	Weight %	TLV/PEL	LC <sub>50</sub> /LD <sub>50</sub>
1) Iron Oxide	1317-61-9	60-70	TWA: 5 (mg/m <sup>3</sup> ) from ACGIH (TLV) [1997]	Not available.

<b>Section 3. Hazards Identification</b>	
<b>Emergency Overview</b>	MAY CAUSE IRRITATION OF SKIN, EYES AND LUNGS.
<b>Potential Acute Health Effects</b>	Slightly hazardous in case of skin contact (irritant), of eye contact (irritant).
<b>Potential Chronic Health Effects</b>	<b>CARCINOGENIC EFFECTS:</b> No ingredient in this product is listed by NTP, OSHA, or IARC as a carcinogen. <b>MUTAGENIC EFFECTS:</b> None known. <b>TERATOGENIC EFFECTS:</b> None known. <b>DEVELOPMENTAL TOXICITY:</b> None known. There is no known effect from chronic exposure to this product.
<b>Target Organs:</b>	None known.
<b>Routes of Entry</b>	Eye contact. Inhalation. Skin contact.
<b>Medical Conditions Aggravated by Overexposure:</b>	Repeated or prolonged exposure is not known to aggravate medical condition.
<b>Signs and Symptoms of Overexposure:</b>	See "Emergency Overview" above.

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**Section 4. First Aid Measures**

Eye Contact	NO known EFFECT on eye contact, rinse with water for a few minutes.
Skin Contact	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.
Inhalation	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Ingestion	DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

**Section 5. Fire and Explosion Data**

Flammability of the Product	Non-flammable.
Auto-Ignition Temperature	Not applicable.
Flash Points	Not applicable.
Flammable Limits	Not applicable.
Products of Combustion	Material in powder form, capable of creating a dust explosion.
Fire Hazards in Presence of Various Substances	Not applicable.
Explosion Hazards	Risks of explosion of the product in presence of mechanical impact: None. Risks of explosion of the product in presence of static discharge: Not available. No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.
Fire Fighting Instructions	Not applicable.
Special Fire Hazards	Not applicable.
Special Explosion Hazards	No additional remark.

**Section 6. Accidental Release Measures**

Small Spill	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill	Our database contains no additional information in case of a spill and/or a leak of the product. Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and collect for appropriate disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

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**Section 7. Handling and Storage**

Handling	Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet must be observed.
Storage	No specific storage is required. Use shelves or cabinets sturdy enough to bear the weight of the chemicals. Be sure that it is not necessary to strain to reach materials, and that shelves are not overloaded.

**Section 8. Exposure Controls/Personal Protection**

Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	Safety glasses, Lab coat, Gloves (impervious). Be sure to use a MSHA/NIOSH approved respirator or equivalent when ventilation is inadequate.   
Personal Protection in Case of a Large Spill	Splash goggles, Full suit, Boots, Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Section 9. Physical and Chemical Properties**

Physical state and appearance	Solid. (Powdered solid.)	Odor	Odorless.
Molecular Weight	Not applicable.	Taste	Not available.
pH	Not applicable.	Color	Forest Green.
Boiling/Condensation Point	Not available.		
Melting/Freezing Point	1595°C (2903°F).		
Critical Temperature	Not available.		
Specific Gravity	0.4 (Water = 1)		
Vapor Pressure	Not available.		
Vapor Density	Not available.		
Volatility	Not available.		
Odor Threshold	Not available.		
Evaporation rate	Not available.		
Viscosity	Not available.		
Water/Oil Dist. Coeff.	Not available.		
Toxicity (in Water)	Not available.		
Dispersion Properties	Not available.		
Solubility	Insoluble in water.		
Physical Chemical Comments	Not available.		

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**Section 10. Stability and Reactivity Data**

Chemical Stability	The product is stable.
Conditions of Instability	No additional remark.
Incompatibility with various substances	No specific information is available in our database regarding the reactivity of this material in presence of various other materials.
Hazardous Decomposition Products	Not available.
Hazardous Polymerization	No.

**Section 11. Toxicological Information**

Toxicity to Animals	LD50: Not available. LC50: Not available.
Chronic Effects on Humans	See Section 3 - Potential Chronic Health Effects.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.
Special Remarks on other Toxic Effects on Humans	Material may be irritating to mucous membranes and upper respiratory tract.


**Section 12. Ecological Information**

Ecotoxicity	Not available.
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**Section 13. Disposal Considerations**

Waste information	Type: Non Hazardous. Classification: None. This product is not a RCRA characteristic waste as supplied, however, disposal of waste must consider process changes to this material with regard to local, state and federal regulations.
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**Section 14. Transport Information**

DOT Classification	Not a DOT controlled material (United States).	
Proper Shipping Name	Not applicable.	
DOT Identification Number	Not applicable.	
Packing Group	Not applicable.	
Maritime transportation	Not available.	
Hazardous Substances Reportable Quantity	Not available.	
Special Provisions for Transport	Not applicable.	
IATA Classification	Not controlled under IATA.	

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## Section 15. Regulatory Information

Federal and State Regulations

TSCA inventory: All ingredients in this product are listed in the TSCA Inventory.

## Section 16. Other Information

### HMIS

Fire Hazard	0
Reactivity	0
Personal Protection	B

No additional remark.

### National Fire Protection Association



Specific hazard

References: Manufacturer's Material Safety Data Sheet. CSST/Atrion Database: Micromedex-LOLI.

Validated by Michael Chang on 8/14/2000.

Verified by Michael Chang.

Printed 8/14/2000.

EMERGENCY PHONE: CHEMTREC 800-424-9300

Non-Emergency Phone: 847-295-1660

### Notice to Reader

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