

SAFETY DATA SHEET

Current Revision: 1, 5/3/2017	Prepared By: Ben Ward, Product Engineer
I. IDENTIFICATION	
EMERGENCY PHONE: <p style="text-align: center;">CHEMTREC- (800) 424-9300 CCN 19481</p>	Salem Fabrication Supplies 5901 Gun Club Road Winston-Salem, NC 27103 Information: (800) 234-1982
PRODUCT NAME: Super Ce-Rite 415	
SYNONYMS: Cerium Oxide, Rare Earth Oxide/Fluoride	

Recommended Use:

Industrial polishing and processing.

Restrictions:

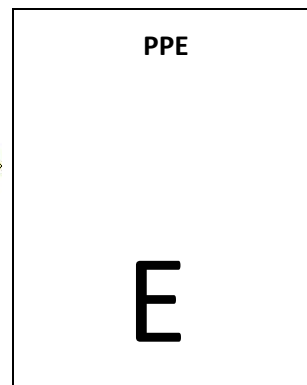
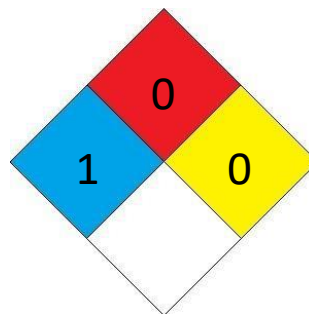
Industrial and professional use.

II. HAZARD IDENTIFICATION

Classification (§1910.1200):

Not a hazardous product according to Globally Harmonized System (GHS).

Signal Word/Symbols:



N/A

Hazard Statement:

N/A

GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
 Winston-Salem, NC 27103
Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
 Santa Fe Springs, CA 90670
Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
 New Kensington, PA 15068
Office: 724.212.3749

WASHINGTON

3801 NE 109th Ave. Suite C
 Vancouver, WA 98682
Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
Office: 844.858.7444
www.SalemFTG.com



Precautionary Statement:

N/A

Miscellaneous Hazards:

N/A

Unknown Acute Toxicity Statement:

N/A

III.COMPOSITION

CHEMICAL NAME:	COMMON NAMES:	CAS:	% BY WEIGHT:
Rare Earth Fluorides	N/A	68188-85-2	30-50

Classified Impurities and Additives:

N/A

IV.FIRST AID MEASURES

Inhalation:

Remove to fresh air. If unconscious place in recovery position and seek medical advice.
Never give anything by mouth to an unconscious person.

Skin Contact:

Wash off immediately with soap and plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

Eye Contact:

Rinse immediately with plenty of water and seek medical advice.

Ingestion:

Do not induce vomiting. Rinse immediately with plenty of water and seek medical advice.

Symptoms/Effects:

GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
Winston-Salem, NC 27103
Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
Santa Fe Springs, CA 90670
Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
New Kensington, PA 15068
Office: 724.212.3749

WASHINGTON

3801 NE 109th Ave, Suite C
Vancouver, WA 98682
Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
Office: 844.858.7444
www.SalemFTG.com



May cause irritation.

Level Of Medical Attention Needed:

Contact physician if symptoms persist.

V. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media:

Do not use a solid water stream as it may scatter and spread fire.

Specific Hazards:

Exposure to decomposition products may be a hazard to health. Do not allow run-off from firefighting to enter drains or water courses.

Special Protective Equipment:

In the event of fire, wear self-contained breathing apparatus.

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Ensure adequate ventilation. Follow safe handling advice and personal protective equipment recommendations.

Protective Equipment:

Wear suitable gloves, safety glasses, and protective clothing. If dust is present wear respirator.

Emergency Procedures:

GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
Winston-Salem, NC 27103

Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
Santa Fe Springs, CA 90670

Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
New Kensington, PA 15068

Office: 724.212.3749

WASHINGTON

3801 NE 109th Ave, Suite C
Vancouver, WA 98682

Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
Office: 844.858.7444

www.SalemFTG.com



Follow safe handling advice and personal protective equipment recommendations.

Methods for Cleanup/Removal:

Sweep up and shovel into suitable containers for disposal. Clean contaminated floors and objects thoroughly while observing environmental regulations. Do not flush into surface water or sanitary sewer system. Prevent product from entering drains.

VII. HANDLING AND STORAGE

Handling Precautions:

Do not get in eyes or mouth or on skin. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Do not use in areas without adequate ventilation.

Safe Storage Conditions:

Keep in a dry, cool and well-ventilated place.

Incompatibilities:

Keep away from heat and sources of ignition. Strong acids and bases.

VIII. EXPOSURE CONTROLS AND PROTECTIVE EQUIPMENT

OSHA PEL:	ACGIH TLV:	OTHER EXPOSURE LIMITS:
<p>P0 Rare Earth Fluorides: 2.5mg/m³</p> <p>Z-1 Rare Earth Fluorides: 2.5mg/m³</p>	<p>Rare Earth Fluorides: 2.5mg/m³</p> <p>BEI 2mg/l Urine 16hrs after exposure. 3mg/l Urine immediate after shift.</p>	<p>N/A</p>

Appropriate Engineering Controls:

GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
Winston-Salem, NC 27103
Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
Santa Fe Springs, CA 90670
Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
New Kensington, PA 15068
Office: 724.212.3749

WASHINGTON

3801 NE 109th Ave, Suite C
Vancouver, WA 98682
Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
Office: 844.858.7444
www.SalemFTG.com



Apply technical measures to comply with the occupational exposure limits. Provide adequate ventilation. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal Protective Measures:

Protective gloves, safety glasses with side-shields, and protective clothing.
 Avoid contact with skin. Wash hands before breaks and immediately after handling the product.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Light brown powder.

Odor: None	Odor Threshold: No data available.	Ph: No data available.
Melting/Freezing Point: No data available.	Boiling Point: No data available.	Boiling Range: No data available.
Flash Point: No data available.	Evaporation Rate: No data available.	Flammability (Solid, Gas): No data available.
Upper/Lower Flammability/Explosive Limit: No data available.	Vapor Pressure: No data available.	Vapor Density: No data available.
Relative Density: No data available.	Solubility (ies): No data available.	Partition Coefficient: NOctanol/Water: No data available.

GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
 Winston-Salem, NC 27103
 Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
 Santa Fe Springs, CA 90670
 Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
 New Kensington, PA 15068
 Office: 724.212.3749

WASHINGTON

3801 NE 109th Ave. Suite C
 Vancouver, WA 98682
 Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
 Office: 844.858.7444
www.SalemFTG.com



Auto Ignition Temperature: Not determined.	Decomposition Temperature: No data available.	Viscosity: Not applicable, solid.
------------------------------------------------------	---------------------------------------------------------	---------------------------------------------

X. STABILITY AND REACTIVITY

Reactivity:

No data available.

Chemical Stability:

Stable

Possibility of Hazardous Reactions:

None known.

Conditions to Avoid: Static Discharge, Shock, Vibrations, Etc.

Dust generation and incompatible materials.

Incompatible Materials:

Strong acids and bases.

Hazardous Decomposition Products:

None known.

XI. TOXICOLOGICAL INFORMATION

Possible Exposure Routes (Inhalation Etc.):

Inhalation, skin contact, ingestion, and eye contact.

Symptoms Related To Toxicological Characteristics:

May cause irritation.

Delayed, Immediate, and Chronic Effects:

No data available.

Numerical Toxicity Measurements:

GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
Winston-Salem, NC 27103

Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
Santa Fe Springs, CA 90670

Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
New Kensington, PA 15068

Office: 724.212.3749

WASHINGTON

3801 NE 109th Ave. Suite C
Vancouver, WA 98682

Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
Office: 844.858.7444

www.SalemFTG.com



No data available.

NTP/LARC/OSHA Known Carcinogen:

No genotoxicity, carcinogenic, mutagenic, or teratogenic effects known.

XII.ECOLOGICAL INFORMATION

Ecotoxicity:

No data available.

Persistence and Degradability:

No data available.

Bioaccumulative Potential:

No data available.

Soil Mobility:

No data available.

Other Adverse Effects:

Not classified as dangerous to the environment.

XIII.DISPOSAL CONSIDERATIONS

Waste Residue and Disposal:

Dispose in accordance with local, state, and national regulations.

XIV. TRANSPORT INFORMATION

UN Number: Not regulated.	UN Proper Shipping Name: Not regulated.	Transport Hazard Class (es): Not regulated.
-------------------------------------	---------------------------------------------------	-------------------------------------------------------

GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
Winston-Salem, NC 27103

Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
Santa Fe Springs, CA 90670

Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
New Kensington, PA 15068

Office: 724.212.3749

WASHINGTON

3801 NE 109th Ave, Suite C
Vancouver, WA 98682

Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
Office: 844.858.7444

www.SalemFTG.com



Packing Group: Not regulated.	Environmental Hazards: None	Transport in Bulk (Annex LI MARPOL 73/78 and IBC Code) Not regulated.
-----------------------------------------	---------------------------------------	------------------------------------------------------------------------------

Special Precautions:

None

XV. REGULATORY INFORMATION

Environmental/ Health/ Safety:

Pennsylvania Right To Know: This product contains components that are reportable.
 New Jersey Right To Know: This product contains components that are reportable.

- EINECS: On/in compliance with the inventory.
- CH INV: On/in compliance with the inventory.
- TSCA: On inventory, 5a and 12b: not relevant.
- DSL: All components of this product are on the Canadian DSL.
- AICS: On the inventory, or in compliance with the inventory.
- NZIoC: On the inventory, or in compliance with the inventory.
- KECI: On the inventory, or in compliance with the inventory.
- PICCS: On the inventory, or in compliance with the inventory.
- IECSC: On the inventory, or in compliance with the inventory.
- ISHL: Not in compliance with the inventory.

XVI. OTHER INFORMATION

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of Salem Fabrication Supplies. It relates only to the specific material designated herein, and does not relate to use in combination with any other material or in any process. Salem Fabrication Supplies assumes no legal responsibility for use of or reliance upon this information.

GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
 Winston-Salem, NC 27103
Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
 Santa Fe Springs, CA 90670
Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
 New Kensington, PA 15068
Office: 724.212.3749

WASHINGTON

3801 NE 109th Ave, Suite C
 Vancouver, WA 98682
Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
Office: 844.858.7444
www.SalemFTG.com