



## Material Safety Data Sheet

### SSO

#### COMPANY IDENTIFICATION

**Company Name** EN Rx, Inc.  
PO Box 270586  
Flower Mound, TX 75027  
**Phone Number** (832) 250-1700  
**Effective Date** September 5, 2006  
**Trade Name** SSO  
**Chemical Family** Oxidizing solid, n.o.s.  
**Components:** Proprietary Blend

#### HAZARDS IDENTIFICATION

1 HMIS HEALTH  
0 HMIS FLAMMABILITY  
1 HMIS REACTIVITY  
F HMIS PERSONAL PROTECTION

#### INGREDIENT COMPOSITION

**Trade Name** SSO  
**Chemical Family** Oxidizing solid, n.o.s.  
**Components:** Proprietary Blend

#### FIRST AID

**Skin:** Wash with soap and water. Brush off and remove contaminated clothing.

**Eyes:** Immediately flush with fresh water for at least 15 minutes; seek medical attention.

**Ingestion:** Drink large amounts of water to dilute; seek medical attention. Do not induce vomiting.

**Inhalation:** Leave contaminated area immediately; breathe fresh air

#### FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** N/A

**Upper Flame Limit:** N/A

**Extinguishing Media:** Water

**Upper Flame Limit:** N/A

**Special Firefighting Procedures:** Wear self-contained breathing apparatus and full protective gear.

**Unusual Firefighting Hazard:** Oxidizer. Damp SSO in contact with paper, wood, cloth, etc. may cause spontaneous combustion of the organic material. Oxygen evolution as a result of decomposition may burst sealed containers and accelerate the burning rates of other combustible materials.

#### ACCIDENTAL RELEASE PROCEDURES

**For spills:** Sweep up. Do not return to original container. Bag spill in clean dry plastic bags. Small amounts may be flushed to drain with water. Comply with Federal, State and Local regulations on reporting spills. Do not mix with absorbents containing hydrocarbons.

**Waste disposal method:** In an approved waste facility by an authorized contractor.

**Environmental hazards:** None

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### HANDLING AND STORAGE

Store in a cool dry ventilated area in the original shipping container.

### EXPOSURE CONTROLS / PERSONAL PROTECTION

**Eye protection:** Wear adequate eye protection.      **Respiratory protection:** Wear dust mask.  
**Ventilation:** Maintain adequate ventilation in working area.      **Protective gloves:** Rubber gloves.  
**Other protective equipment:** Water source and safety / eyewash should be located close to location where material is stored. Wear approved industrial footwear.

### PHYSICAL DATA

<b>Boiling Point:</b>	N/A	<b>Available Oxygen:</b>	17%
<b>Vapor Pressure:</b>	N/A	<b>Vapor Density:</b>	N/A
<b>Volatility / Vol. %:</b>	Not Determined	<b>Sol. in Water:</b>	15% by Weight @ 75° F
<b>Appearance:</b>	White, Free Flowing Granules	<b>Odor:</b>	Odorless
<b>Molecular Weight:</b>		<b>Melting Point:</b>	Decomposes @ 212° F
<b>Density:</b>	1 – 1.2 g/cm <sup>3</sup>	<b>pH 1% Solution:</b>	10.5

### REACTIVITY

**Chemical Stability:** Stable in dry state.  
**Incompatibility:** Avoid contact with moisture, acids, reducing agents, excess heat, metal salts, organic materials, heavy metals, oil and greases. Excessive heat and moisture should be avoided. Contamination with acids, reducing agents, and metallic ions may cause catalytic decomposition.  
**Decomposition products:** Decomposition liberates oxygen and generates heat. Decomposition in the presence of organic materials is rapid and highly exothermic.  
**Hazardous polymerization:** Will not occur.

### TOXICOLOGICAL INFORMATION

**Threshold Limit Value:** 10 mg / m<sup>3</sup> per 40 hour week  
**Health Hazard:** Exposure to skin or eyes may cause irritation. Inhalation of dust may cause irritation to the mucous and respiratory system. SSO is a severe eye irritant. 1% aqueous solution is non-irritating.  
**Irritation Data:** Primary skin irritation (powder) – mild irritant  
Primary eye irritation (powder) – severe irritant  
**Toxicity Data:** Oral LD<sub>50</sub> – 2,000 mg / kg (rat)  
Inhalation LC<sub>50</sub> – 4.58 mg / l (rat)  
Not an NTP, IARC, or OSHA listed carcinogen or probable carcinogen

### DISPOSAL INFORMATION

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**Environmental hazards:** None

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## TRANSPORTATION & DOT

**Handling and storage:** Store in a cool dry ventilated area in the original shipping container.  
**UN Number:** 1479 **Class:** 70  
**NMFC:** 44157-03  
**DOT hazard class:** 5.1 (Oxidizer)  
**DOT shipping name:** Oxidizing solid, n.o.s.  
**Packaging size:** 50, 400, and 2,000 lb containers.

**Prepared by:** Erik R. Piatt

**Revision Date:** September 5, 2006

This product's health and safety information is provided to assist our customers in assessing compliance with Health, Safety and Environmental regulations. The information contained herein is based on data available to us, and is believed to be accurate, although no guarantee or warranty is provided or implied by the company in this respect. Since the use of this product is within the exclusive control of the user, it is the user's responsibility to determine the conditions of safe use. Such conditions must comply with all governmental regulations.

**Trade name:** SSO **Signal word:** WARNING  
**Statement of hazard:** Causes irritation **DOT label required:** 5.1 (Oxidizer)

## SPECIAL NOTICE

**Special Notice:** In accordance with 40 CFR 372.45, this product contains the following materials, which have been classified as TOXIC under SARA Title III Section 313. This page is a part of the Material Safety Data Sheet describing the above product and shall not be detached. Any reproduction or distribution of this Material Safety Data sheet after January 1, 1989, must include this page.

## REGULATORY / SARA TITLE III SECTION 313

**Toxic chemicals:** None

## OTHER ENVIRONMENTAL DATA

**EPA hazard:** None

**CERCLA RQ value:** None

**SARA TPQ:** None

**SARA RQ:** None

**RCRA hazardous waste:** D001 (Ignitable)

**Clean air:** None

**Clean water:** None