

MATERIAL SAFETY DATA SHEET

EXCITON, INC.
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Dayton, Ohio 45431

Date of Preparation: 11-03-89
Person to contact: Larry Kneet
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SECTION I. IDENTIFICATION

- * Product Name: Saturable absorber 580 $\frac{1}{2}$
- * Synonym(s): none
- * Cat No.: 05800

SECTION II. PRODUCT AND COMPONENT HAZARD DATA

<u>COMPONENT(s):</u>	<u>Percent</u>	<u>TLV</u>	<u>CAS Reg. No.</u>
Saturable absorber 580	~100	ND	Not Available

SECTION III. PHYSICAL DATA

- * Appearance and odor: Dark green crystals. No odor
- * Melting Point: 243 C dec.
- * Vapor Pressure: Nil
- * Evaporation Rate (n-butyl acetate = 1): Nil
- * Volatile fraction by Weight: 0
- * Specific Gravity (H₂O=1): ND
- * Solubility in Water: Very slight

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

- * Flash Point: N/A
- * Extinguishing Media: Water spray; dry chemical; CO₂
- * Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.
- * Unusual Fire and Explosion Hazards: Fire or excessive heat may produce hazardous decomposition product.

SECTION V. REACTIVITY DATA

- * Stability: Stable
 - * Incompatibility: Strong oxidizers
 - * Hazardous Decomposition Products: Combustion will produce CO₂ and probably CO; oxides of nitrogen and sulfur will also be present as well as hydrogen iodide gas.
 - * Hazardous Polymerization: Will not occur
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SECTION VI. TOXICITY AND HEALTH HAZARD DATA

- A. EXPOSURE LIMITS: Not established
 - B. EXPOSURE EFFECTS: Not established
 - C. FIRST AID:
 - Inhalation: Remove to fresh air following overexposure.
 - Skin: Wash after each contact.
 - Eyes: Flush eyes with plenty of water.
 - Ingestion: Drink 1-2 glasses of water. Seek medical attention.
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SECTION VII. VENTILATION AND PERSONAL PROTECTION

- A. VENTILATION:
 - Good general room ventilation should be used.
 - Local exhaust may be needed.
 - B. RESPIRATORY PROTECTION:
 - A NIOSH approved dust respirator should be worn, if needed.
 - C. SKIN AND EYE PROTECTION:
 - Protective gloves should be worn. Safety glasses should be worn.
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SECTION VIII. SPECIAL STORAGE AND HANDLING PRECAUTIONS

Keep from contact with oxidizing materials.

SECTION IX. SPILL, LEAK, AND DISPOSAL PROCEDURES

Sweep up material and package for safe feed to an incinerator. Dispose by incineration or contract with licensed chemical waste disposal agency. Discharge, treatment, or disposal may be subject to federal, state or local laws.
