

**GFS CHEMICALS, INC.**  
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**MATERIAL SAFETY DATA SHEET**

856

**BARIUM CHLORANILATE, REAGENT**

**CHEMICAL NAME & SYNONYMS**

Barium Chloranilate; Chloranilic Acid,  
Barium Salt

**DOT CLASS**

6.1/III

**SARA TITLE 313**

Yes - Ba Compds

**TSCA listed** - Yes

**FORMULA**

BaC<sub>6</sub>O<sub>4</sub>Cl<sub>2</sub>•3H<sub>2</sub>O

**REPORTABLE QUANTITY**

N/A

**F.W.**

398.37

**CAS#**

13435-46-6

**PHYSICAL DATA**

Water soluble.

**APPEARANCE & ODOR**

Yellow to brown powder. Odorless.

**REACTIVITY & CONDITIONS TO AVOID**

Stable. Avoid inhalation of dust.

**FIRE HAZARDS**

Will decompose in general fire situation. May yield toxic fumes. Firefighters use water to cool containers. Wear SCBA.

**EXTINGUISHER**

Fight surrounding fire.

**FLASHPOINT**

N/A

**LEL**

N/A

**UEL**

N/A

**HEALTH HAZARDS**

The chemical, physical and toxicological properties of this material have not been fully investigated. Considered toxic if inhaled or ingested. Symptoms (of barium toxicity) include abdominal pain, nausea, rapid pulse, paralysis. No LD/TD data found. OSHA PEL/ACGIH TLV: TWA 0.5 mg (Ba)/m<sup>3</sup>. No evidence of carcinogenicity.

**SPECIAL PRECAUTIONS**

Use goggles and rubber gloves while handling. Use of local exhaust may be necessary if dust forms. Avoid all contact.

**FIRST AID**

Wash skin and eyes thoroughly with water. Seek medical attention if irritation develops. If swallowed give milk or water and get immediate medical attention Do NOT induce vomiting unless directed by a physician.

**SPILLS & LEAKS**

Wash up well with water. Disposal of small amounts to sanitary drain. Check local regulations for quantities allowed. Larger quantities to barium containing hazardous waste.

**CATALOG #**

856

**PREPARED BY**

MDM

**DATE**

October 17, 2003