

**XL 2G (NEW SUB)**

Setre Chemical Company  
 PH: 901-761-0050  
**CHEMTREC:** 800-424-9300  
**Effective Date:** 27-FEB-2004  
**Product:** XL 2G (New Sub)

**I. IDENTIFICATION**

**Chemical Name:** Benefin and Oryzalin  
**Chemical Family:** Herbicide  
**Formula:** Not applicable, formulated mixture.  
**Synonyms:** None  
**CAS Number:** Not applicable, formulated mixture.  
**EPA Number:** 70506-45-38167

**II. PHYSICAL DATA**

**Boiling Point:** Not applicable  
**Freezing Point:** Not applicable  
**Spec Gravity:** Not determined  
**Vapor Pressure:** Not applicable  
**Vapor Density:** Not applicable  
**Solubility:** Not soluble in water  
**Volatiles:** Not determined  
**Evaporation:** Not applicable  
**Melting Point:** Not determined  
**Appearance:** Light yellow-orange granules, slight aromatic odor.

**III. INGREDIENTS**

Material	CAS Number	Percent	TLV	Hazard
Benefin	1861-40-1	1.00	N/E	Skin & eye irritant
Oryzalin	19044-88-3	1.00	N/E	Skin & eye irritant
Inert ingredients, including crystalline silica (CAS No. 14808-60-7)		98.00	15 mg/kg	Nuisance dust

**IV. FIRE AND EXPLOSION HAZARD**

**Flash Point:** Not applicable  
**Autoignition Temp:** Not applicable  
**Flammable Limit:** Not applicable  
**Extinguishing Media:** Use water, carbon dioxide or dry chemical extinguishing media.  
**Special Fire Fight Proc:** Wear full protective clothing and use positive-pressure, self-contained breathing apparatus.  
**Fire and Expl Hazard:** Toxic, irritating fumes may be formed if involved in fire.

**V. HEALTH HAZARD**

**Carcinogen Information:** Mixture not listed  
**ACUTE EFFECTS OF OVER EXPOSURE**  
**Swallowing:** Single dose oral toxicity is low. The Acute Oral LD60 for rats and mice is >5,000 mg/kg. Swallowing small amounts are not likely to cause injury.  
**Skin Absorption:** A single prolonged exposure is not likely to result in the product being absorbed through skin. Acute Dermal LD50 for absorption in rats is >2,000 mg/kg.  
**Inhalation:** Dust may cause irritation to the upper respiratory tract, including the nose and throat. The Acute Inhalation LC50 for rats is >5.8 mg/L/4H.  
**Skin contact:** Prolonged exposure may cause slight skin irritation. When tested in guinea pigs, some allergic skin reactions occurred.  
**Eye Contact:** May cause moderate irritation and moderate corneal injury.  
**Chronic Effects:** Repeated excessive exposure to silica may cause silicosis, a progressive and disabling lung disease.  
**Other Hazard:** None currently known.  
**EMERGENCY AND FIRST AID PROCEDURES**  
**Swallowing:** Seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.  
**Skin:** Wash affected area with plenty of soap and water. If irritation develops, seek medical treatment.  
**Inhalation:** Remove to fresh air. Consult a physician if irritation or discomfort develops.  
**Eyes:** Flush eyes with water for at least 15 minutes, holding eyelids open. Seek medical treatment.

**Notes to Physician:** No specific antidote is available for this mixture. Provide supportive care. Treatment should be based on the judgment of the physician in response to reactions of the patient.

**VI. REACTIVITY**

**Stability:** Stable  
**Conditions to Avoid:** Avoid elevated temperatures.  
**Polymerization:** Will Not Occur  
**Conditions to Avoid:** None currently known.  
**Incompatibility material:** None currently known.  
**Hazardous Combustion:** May produce toxic irritating vapors, such as oxides of nitrogen, carbon monoxide and unidentified organic compounds under fire conditions.

**VII. SPILL OR LEAK PROCEDURES**

**Spill or Leak Proc:** Contain and sweep up small spills. Place recovered material in chemical waste container for proper disposal. Prevent runoff of spilled material or waters contaminated with product.  
**Waste Disposal Method:** This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

**VIII. SPECIAL PROTECTION INFORMATION**

**Respiration:** In enclosed spaces, use NIOSH-approved dust respirator.  
**Ventilation:** Good general ventilation sufficient.  
**Gloves:** Impervious gloves  
**Eyes:** Chemical workers' goggles  
**Other:** Eyewash station, impervious apron and footwear.

**IX. SPECIAL PRECAUTIONS**

**Special precaution:** Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, stream or ponds. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.  
**Other precaution:** Store in original container. Avoid elevated temperatures. Always refer to the product label for handling and storage related to the end use of this material.

**X. SHIPPING INFORMATION**

**Shipping name:** Not regulated by DOT, IATA or IMDG.  
**Hazard Class:** None  
**Identification No:** None  
**Labels Required:** None required  
**Placarding:** None  
**Freight Class:** Compound, Weed Killing, Solid, (Herbicide), N.O.I. (NMFC Item 50320, Class 60)

Chemical Name	Equivalent R.Q.
Not applicable	Not applicable

**XI. GENERAL PRODUCT INFORMATION**

**National Fire Protection Association Rating:**  
 (Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)  
**Health:** 2  
**Fire:** 1  
**Reactivity:** 0  
**S.A.R.A. Title III Hazard Classification:** (Yes/No)  
**Immediate (Acute) Health:** Y  
**Delayed (Chronic) Health:** Y  
**Sudden Release of pressure:** N  
**Fire:** N  
**Reactive:** N

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