

**PRODUCER & PRODUCT DETAILS:**

**Producer:** Sinopec Shanghai Gaoqiao Petrochemical Corp. Polyurethane Division

**Address:** 1819 North Pudong Road, Shanghai, China

**Chemical name:** Polyether polyols

**CAS number:** 009082-00-2

**PHYSICAL & CHEMICAL PROPERTIES:**

**Appearance:** Yellow viscous liquid

**Odor:** Slight sweet odor

**Vapor pressure:** Low

**Vapor density:** >Air

**Boiling point:** Decomposes before boiling

**Solubility:** Slight in water

**Specific gravity:** 1.01 20/20°C

**Other data:** Viscosity 2000-4000cp/25°C

OH number 400-460 mgKOH/g

MAX water 0.15%

**HAZARD INFORMATION:**

**The Polyether polyols is not of dangerous goods.**

**Exposure limits:** No special standard has been established for this product

**Flash point:** >200°C (open cup)

**Stability:** Stable in normal temperature, oxidize in elevated temperature

**Toxicity:** Or1-rat LD50:>2000mg/kg; Skin LD50:>2000mg/kg  
(estimated from their analogs)

**Regulation:** China Dangerous Goods Inventory (GB12268-90) non-regulated  
International (IMDG CODE) non-regulated

**HEALTH HAZARD INFORMATION:**

**Acute-swallowed:** This material may be a slight hazard if ingested

**Acute-eye:** May cause minor eye irritation

**Acute-skin:** No significant signs or symptoms indicative of any health hazard are expected to occur as a result of skin absorption exposure. May produce skin irritation.

**Acute-inhaled:** No significant signs or symptoms indicative of any health hazard are expected to occur as a result of skin absorption exposure

**Chronic hazards:** No data exists regarding potential chronic health hazard

**FIRST AID:**

**Swallowed:** If the product is swallowed and the affected person is conscious, have affected person drink water or milk. Call for medical attention.

**Contact Eye:** In case of contact with the product, hold eyelids open and immediately flush with plenty of water for at least 15 minutes

**Contact Skin:** In case of contact with the product, wash skin area with plenty of hot water and soap.

**General measure:** Call for medical attention

**First aid facilities:** Eye wash station, safety shower and normal washroom facilities.

### **FIRE-FIGHTING MEASURES:**

**Extinguishing agents:** Dry chemicals, CO<sub>2</sub> and water spray

**Combustion products:** CO<sub>2</sub>, H<sub>2</sub>O, CO(in defect of air)

**Protective equipment:** Heat-resistant suit and gloves. Self-contained breathing apparatus because heavy fumes are produced.

### **ACCIDENTAL RELEASE MEASURES:**

**Precaution for the enviroment:** Isolate and remove discharged material. Keep material away from water sources. Do not allow material to reach drains and sewers.

**Cleanup methods:** Take up with dry sand or other non combustible adsorbent material and place into containers for later disposal.

**Personal protection:** Wear suitable protective clothing, gloves, and safety goggles or face-shield.

### **HANDLING & STORAGE:**

**Handling:** Wear protective clothing to avoid prolonged contact with the product. Do not smoke, drink or eat during handling. Good personal hygiene procedures must be observed. Do not handle damaged containers unless wearing appropriate protective equipment to avoid direct contact.

**Storage:** It must be stored in steel or polyethylene containers, properly labeled and sealed, placed in cool, well ventilated areas. Protect containers against the inclemencies of the weather . The product is hygroscopic therefore it must be kept away from moisture.

**END**