



# SUPPLIER

## MATERIAL SAFETY DATA SHEET

GENERATED 09/16/2008, REVISION 05/24/1993, DATE CREATED 12/05/1991

**SECTION I - PRODUCT IDENTIFICATION**  
Rhenium oxide ReO<sub>2</sub>, powder and pieces

**PRODUCT NAME:** Rhenium oxide ReO<sub>2</sub>, powder and pieces

**REFERENCE #:** 12036-09-8

**MANUFACTURER INFORMATION**

**COMPANY NAME:** PROCHEM, INC.  
**EMERGENCY CONTACT:** CHEMTREC (800)424-9300  
**ALTERNATE EMERGENCY CONTACT:** PROCHEM, INC. (815) 398-1788

**CHEMICAL FAMILY:** Metal oxide

**CAS NUMBER:** 12036-09-8

**FORMULA:** ReO<sub>2</sub>

**MOLECULAR WEIGHT:** 218.21

**SYNONYMS**

Rhenium oxide, rhenium dioxide

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**  
Rhenium oxide ReO<sub>2</sub>, powder and pieces

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV	Other Limits
Rhenium oxide, ReO <sub>2</sub>	12036-09-8	100.0 %	NE	NE	NE

**US EPA SARA TITLE III**

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)
Rhenium oxide, ReO <sub>2</sub>	12036-09-8	No	No	No

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**  
Rhenium oxide ReO<sub>2</sub>, powder and pieces

**PHYSICAL STATES:** [ ] Gas [ ] Liquid [ X ] Solid  
**MELTING POINT:** N.A.  
**BOILING POINT:** N.A.  
**SPECIFIC GRAVITY (WATER = 1):** 11.4 at 25.0 C (77.0 F)  
**VAPOR PRESSURE (VS. AIR OR MM HG):** NA  
**VAPOR DENSITY (VS. AIR = 1):** NA