



**MSDS: HIGH SENSITIVITY CATALYST**  
(PNs: 630-00996-00, 638-92070-00)

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Approved by:

*Zachary Anthony*

July 6, 2010

## **SECTION 1. PRODUCT IDENTIFICATION**

Name: Platinum on Quartz Wool  
Synonym: High Sensitivity Catalyst  
Catalog #: 630-00996-00, 638-92070-00

Additional Information Contact: 800.477.1227  
24 Hour Emergency Contact: 410.768.8155 (AIRPACK; 500 McCormick Dr.; Glen Burnie, MD 21061)

## **SECTION 2. COMPOSITION**

Platinum coating, 0.5%, CAS # 7440-06-4  
Quartz Wool, CAS # 60676-86-0

## **SECTION 3. PRODUCT USE**

Specifically for use as a catalyst in Shimadzu TOC Laboratory Analyzer models: TOC-500, TOC-5000 series, TOC-V<sub>C</sub> series, and Shimadzu TOC On-Line Analyzer models in the TOC-4000 series. Refer to the appropriate instruction manual for directions on use.

## **SECTION 4. PHYSICAL DATA**

Melting Point: N/A                      Boiling Point: N/A  
Density: N/A                              Vapor Pressure: N/A  
Color: Grey                                Phase: Fibrous Solid  
Solubility: N/A (in water)

## **SECTION 5. HAZARDS IDENTIFICATION**

### **Catalyst**

Catalytic properties of this material may lower ignition temperatures, and promote the oxidation and possible ignition of flammable liquids and vapors.

## **SECTION 6. TOXICITY DATA**

As supplied, this material does not present an acute hazard.

Platinum Group Metals are practically non-toxic.

To the best knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## **SECTION 7. HEALTH HAZARD DATA**

See Section 6.

## **SECTION 8. FIRST-AID MEASURES**

In case of contact: eye contact will produce mechanical irritation. Skin contact will produce mechanical irritation.

If swallowed, toxicity is likely to be low, but mechanical irritation could be severe. **DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.**

## **SECTION 9. FIRE FIGHTING MEASURES**

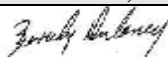
**NOT Flammable**—use extinguishing media suitable for the surrounding fire.

## **SECTION 10. ACCIDENTAL RELEASE MEASURES**

Remove/eliminate all sources of flammable liquids or vapors.

Sweep up, place in a bag and hold for waste disposal.

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## **SECTION 11. STABILITY AND REACTIVITY**

**Stability:** Stable

**Incompatibilities:** strong oxidizing agents. organic materials.

**Hazardous Combustion or Decomposition Products:** Nature Of Decomposition Products Not Known  
Hazardous Polymerization Will *Not* Occur.

## **SECTION 12. DISPOSAL**

Used catalyst disposal should be in accordance with Federal, State, and Local requirements using the materials injected onto the catalyst bed as the determining factor for means of disposal. State and Local disposal regulations may differ from Federal regulations and can be more stringent, but will never be less.

## **SECTION 13. OTHER INFORMATION**

The information provided above is believed to be correct, but does not purport to be all inclusive and it must serve only as a guide. Shimadzu shall not be held liable for any damage resulting from handling or contact with the above product. Users should make their own determinations regarding the suitability of this information for their particular purposes