

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF SUBSTANCE

Used auto-catalyst with or without casing

### 2. INGREDIENTS

Catalyst/ Pt: 0.05-0.09%, Pd: 0.05-0.09%,  
Rh: 0.01%-0.03%,  
Cordierite (2MgO,2Al<sub>2</sub>O<sub>3</sub>,SiO<sub>2</sub>): balance  
Casing/Steel

### 3. HAZARDS IDENTIFICATION

It is not regarded as being hazardous.

Harmfulness: None

Ecological effect: It is not thought to present an ecological effect.

### 4. FIRST-AID TREATMENT

Eyes Contact: Immediately flush with large amounts of water for at least 15 minutes.

Skin Contact: Immediately wash skin with water.

Inhalation: Remove from exposure and allow resting in fresh air.

### 5. FIRE FIGHTING MEASURES

Incombustible. Remove material from fire area. If impossible to remove, cool container with water to prevent container breaking.

### 6. ACCIDENTAL RELEASE MEASURES

Collect in an empty container. Wash the area with plenty of water.

### 7. HANDLING AND STORAGE

Store in dry area.

### 8. EXPOSURE CONTROLS

Respiratory Protection: Dust mask.

Eye Protection: Safety glasses.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Honeycomb block with or without casing

Order: No odor

Solubility: Insoluble in water

### 10. STABILITY AND REACTIVITY

Combustibility: Incombustible.

Explosive properties: None

Stability and reactivity: Stable with general handling.

### 11. TOXICOLOGICAL INFORMATION

Skin irritation negative, Eye irritation moderate if powdered.

### 12. ECOLOGICAL INFORMATION

No data.

### 13. TRANSPORT INFORMATION

Not restricted.

### 14. DISPOSAL CONSIDERATIONS

Should be send to a refinery for metal recycle.

### 15. REGULATORY INFORMATION

None

### 16. OTHER INFORMATION

None