



## Product Specification

### PLATINUM DIOXIDE HYDRATE (about 80% Pt)

PRODUCT CODE	029752
SYNONYMS	(Adam's catalyst)
C.I. NO.	--
CASR NO.	(52785-06-5)
ATOMIC OR MOLECULAR FORMULA	PtO <sub>2</sub> .+H <sub>2</sub> O
ATOMIC OR MOLECULAR WEIGHT	227.09 (anhy.)
PROPERTIES	--

### PtO<sub>2</sub>.+H<sub>2</sub>O

PARAMETER	LIMIT
Description	Ochre to black powder.
Solubility	Insoluble in water. Soluble in dilute H <sub>3</sub> PO <sub>4</sub> and dilute solutions of Potassium Hydroxide.
Minimum Assay (Gravimetric, as Pt)	80.00%
Suitable for Hydrogen Catalyst	Passes test.

**Note(s) : Assay (if applicable) method mentioned.**

#### WARNING

**Hazard statements :** May cause allergic skin reaction.

#### Precautionary statements

**Prevention :** Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated clothing should not be allowed out of the workplace.

**Response :** Wash contaminated clothing before reuse. If skin irritation or rash occurs, seek medical advice/attention.

**IF ON SKIN:** Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS.

**Disposal:** The chemical is retained for recovery.

IMDG Code : 5.1/II  
UN No. : 1479  
IATA : 5.1

**Hazard Pictogram(s) :**



Skin irritation