

Article information sheet (AIS)

Product name: Pt GDE, PlaCC
Item number: 82052, 82090

Version: 1.0
revised on: 16.02.2023

Description: Hydrogen or Oxygen Electrode

Delivery form: The catalyst is rolled to a flat sheet and pressed onto a carbon substrate.

Article 82052: Platinum Carbon flat sheet without support

Article 82090: Platinum Carbon flat sheet on a hydrophobic Carbon support

Use: Electrodes for scientific research&development and industrial use e.g. in batteries, fuel cells, electrolyzers

Supplier

Gesellschaft für Gassysteme durch Katalyse und Elektrochemie mbH

Lilienthalstrasse 146

Building 11

34123 Kassel

Germany


Telefon: +49 561 59190

Fax: +49 561 59191

E-Mail: info@gaskatel.de

www.gaskatel.com

Composition/information on ingredients

Component	Classification	H phrases
Platinum Catalyst contains Carbon  Platinum	Flammable solid	H 228

H228 Flammable solid

Other non-hazardous ingredients: polytetrafluorethylene

First-aid measures

After eye contact: Rinse the eye under running water for 10 minutes with the eyelids wide open, protecting the uninjured eye. Ensure medical treatment.

After skin contact: Wash affected skin areas thoroughly under running water with soap. In case of subjectively felt or objectively recognisable skin changes, seek medical treatment.

After inhalation: Supply fresh air.

Article information sheet (AIS)

Product name: Pt GDE, PlaCC
Item number: 82052, 82090

Version: 1.0
revised on: 16.02.2023

Fire-fighting measures

Suitable extinguishing media: Adjust extinguishing measures to the environment.

Special hazards arising from the substance or mixture: In case of fire hydrogen fluoride may be released

Handling and storage

Pay attention to cleanliness in the workplace.

All rooms, installations and equipment must be cleaned regularly. Use personal protective equipment when cleaning. Avoid dust formation.

Store under lock and key or only accessible to competent persons.

Personal protection

Do not eat, drink or smoke at work. Do not inhale dust. Keep away from food, drink and feed.

Avoid contact with the skin. Skin cleaning is necessary after substance contact. Wash skin with soap and water before breaks and at the end of work.

Recommended hand protection

We currently have no information about suitable glove materials.

However, experience shows that the glove materials polychloroprene, nitrile rubber, butyl rubber, fluororubber and polyvinyl chloride are suitable for protection against undissolved solids.

Stability and reactivity

The product is not water soluble.

In contact with alcohol, acetone or oxidising agents, the product may self-ignite.

No dangerous reactions are to be expected when used as intended.

Under normal conditions the product is chemically stable.

Toxicological information

No acute toxicological information is available for this product.

Environmental information

Shall not be classified as hazardous to the aquatic environment.

Disposal considerations

Product residues must be disposed of in accordance with national and regional regulations.

Transport information

Not relevant

Other provisions

Observe employment restrictions for expectant and nursing mothers.

Observe employment restrictions for young people.

A chemical safety assessment was not carried out.