

## Vanadium Pentoxide ground

GfE Article no. 2008 793

### Formula

$V_2O_5$

### Grade

Chemically pure

### Appearance

Orange powder

### Application

- CATALYST INDUSTRY**  
 Used for sulfuric acid, adipic acid.
- FERTILIZER (AMMONIA, UREA) HYDROGEN ( $H_2O_2$ , METHANOL)**  
 Used for corrosion inhibition in carbon dioxide scrubbers (gas sweetening) of types Benfield, Ventrocoke, Catacarb, Carbosolvan, Carsol and Girbotol.
- CERAMIC INDUSTRY**  
 Used for colorizing and glaze.
- ENAMELLING INDUSTRY**  
 Used for low melting enamel frits, e.g. for coating of aluminum.
- GLASS INDUSTRY**  
 Used for absorption of ultraviolet light or infrared light.
- METALLURGY INDUSTRY**  
 Used for manufacturing vanadium aluminum and for grain refining in tungsten carbides.

### Packaging

Steel drums 25 - 125 kg  
 Other packing on request.

ADR/RID, IMDG, ICAO/IATA class 6.1

CAS no. 1314-62-1

UN no. 2862

### Chemical Analysis in wt%

V in total

as  $V_2O_5$  ≥99.6

$V_2O_4$  ≤1

Na ≤0.02

K ≤0.02

Fe ≤0.03

Other elements on request.

### Physical Properties

Size: d(90) <50 μm