

# SODIUM AMMONIUM VANADATE

GfE Article no. 2008792

## Formula

$2(\text{NH}_4)_2\text{O} \cdot \text{Na}_2\text{O} \cdot 5\text{V}_2\text{O}_5 \cdot 15\text{H}_2\text{O}$

## Grade

high purity

## Appearance

orange brown filtercake

## Application

**oil and gas industry** - used for removal of hydrogen sulfide in Stretford and Sulfolin processes (gas sweetening)

## Origin

Germany

## Packaging

steel drums 25 - 200 kg  
other packing on request

## Quality

GfE Metalle und Materialien GmbH has implemented and maintains a DIN ISO 9001:2000 quality system.

ADR/RID, IMDG, ICAO/ IATA class 6.1

CAS no. . . . . 39455-80-6

UN no. . . . . 2863

Tariff no. . . . . 2841 9030

## Chemical Analysis

. . . . . spec. (wt. %)

H<sub>2</sub>O. . . . . (45 °C).....8-20 %

in dry matter

V . . . . . min. 40

V<sub>2</sub>O<sub>5</sub>. . . . . min. 71.4

Na<sub>2</sub>O . . . . . min. 5.5

NH<sub>4</sub> . . . . . min. 4.5

K . . . . . max. 0.05

Fe . . . . . max. 0.02

Cr . . . . . max. 0.005

Si . . . . . max. 0.01

other elements on request

## Physical Data

bulk density . . . . . 0.9 g/cm<sup>3</sup>

melting point . . . . . decay 50 °C

molecular weight . . . . . 1345.77