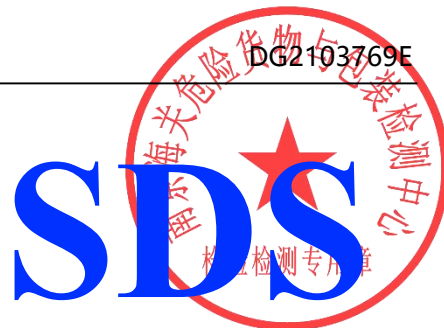


# SAFETY DATA SHEET

## Vanadium Pentoxide

Anhui Fitech Materials Co.,Ltd.

- According to GHS (Eighth Revised Edition)



### Section 1 Product and Company Identification

#### > Product Identifier

Product Name	Vanadium Pentoxide
Synonyms	-
CAS No.	1314-62-1
EC No.	215-239-8
Molecular Formula	V <sub>2</sub> O <sub>5</sub>

#### > Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Relevant Identified Uses	Please consult manufacturer.
Uses Advised Against	Please consult manufacturer.

#### > Details of the Supplier of the Safety Data Sheet

Applicant Name	Anhui Fitech Materials Co.,Ltd.
Application Address	9th Floor, Building B, Innovation Industrial Base, Huguang Road, Shushan District, Hefei, Anhui, China.
Applicant Post Code	230601
Applicant Telephone	+86-551-65566870
Applicant Fax	+86-551-65566870
Applicant E-mail	info@fitechem.com
Supplier Name	Anhui Fitech Materials Co.,Ltd.
Supplier Address	9th Floor, Building B, Innovation Industrial Base, Huguang Road, Shushan District, Hefei, Anhui, China.
Supplier Post Code	230601
Supplier Telephone	+86-551-65566870
Supplier Fax	+86-551-65566870
Supplier E-mail	info@fitechem.com

#### > Emergency Phone Number

Emergency Phone Number	+86-532-83889090
------------------------	------------------

### Section 2 Hazards Identification

Hazard class and label elements of the product according to GHS (the eighth revised edition):

#### > GHS Hazard Class

Acute Toxicity – Oral	Category 2
-----------------------	------------



<b>Specific Target Organ Toxicity (Single Exposure)</b>	Category 3
<b>Germ Cell Mutagenicity</b>	Category 2
<b>Carcinogenicity</b>	Category 2
<b>Reproductive Toxicity</b>	Category 2
<b>Specific Target Organ Toxicity (Repeated Exposure)</b>	Category 1
<b>Hazardous To The Aquatic Environment – Short-Term (Acute) Hazard</b>	Category 2
<b>Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard</b>	Category 2

### > GHS Label Elements



Signal Word **Danger**

### > Hazard Statements

H300	Fatal if swallowed
H335	May cause respiratory irritation
H341	Suspected of causing genetic defects
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

### > Precautionary Statements

#### Prevention

P203	Obtain, read and follow all safety instructions before use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash contact area thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
<b>Response</b>	
P318	IF exposed or concerned, get medical advice.
P319	Get medical help if you feel unwell.
P321	Specific treatment (see measures on this label).
P330	Rinse mouth.



<b>P391</b>	Collect spillage.
<b>P301+P316</b>	IF SWALLOWED: Get emergency medical help.
<b>P304+P340</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
<b>Storage</b>	
<b>P405</b>	Store locked up.
<b>P403+P233</b>	Store in a well-ventilated place. Keep container tightly closed.
<b>Disposal</b>	
<b>P501</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.

### Section 3 Composition/Information on Ingredients

Component	Concentration (weight percent, %)	CAS No.	EC No.
Vanadium Pentoxide	99.5	1314-62-1	215-239-8

### Section 4 First Aid Measures

#### > Description of First Aid Measures

<b>General Advice</b>	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
<b>Skin Contact</b>	Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
<b>Inhalation</b>	Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.
<b>Protecting of First-aiders</b>	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

#### > Most Important Symptoms and Effects, both Acute and Delayed

- 1 Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.

#### > Indication of Any Immediate Medical Attention and Special Treatment Needed

- 1 Treat symptomatically.
- 2 Symptoms may be delayed.

### Section 5 Fire Fighting Measures

#### > Extinguishing Media

<b>Suitable Extinguishing Media</b>	Dry chemical, carbon dioxide or alcohol-resistant foam.
<b>Unsuitable Extinguishing Media</b>	Do not use a solid water stream as it may scatter or spread fire.

#### > Specific Hazards Arising from the Substance or Mixture

- 1 May emit poisonous fumes on fire.
- 2 Containers may explode when heated.