

# SAFETY DATA SHEET

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## SECTION 1. IDENTIFICATION

**Product Identifier:** (5N) 99.999% Vanadyl Acetate

**Product Code:** VO-AC-05-P

**CAS Number:** 3473-84-5

**Relevant identified uses of the substance:** Scientific research and development

Supplier details:

American Elements  
10884 Weyburn Ave.  
Los Angeles, CA 90024  
Tel: +1 310-208-0551  
Fax: +1 310-208-0351  
Emergency telephone number:  
+1 800-424-9300

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## SECTION 2. HAZARDS IDENTIFICATION

GHS – Classification

Classification – Not classified as a hazard

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## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Vanadyl Acetate  
Formula:  $C_4H_6O_5V$   
MW: 185.0  
CAS: 3473-84-5

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## SECTION 4. FIRST AID MEASURES

Skin contact:

Immediately wash skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, seek medical attention.

Eye contact:

Immediately wash skin with copious amounts of water for at least 15 minutes. Assure adequate

flushing of the eyes by separating the eyelids with fingers. If irritation persists, seek medical attention.  
Inhalation:  
Remove to fresh air. In severe cases or if symptoms persist, seek medical attention.  
Ingestion: Wash out mouth with copious amounts of water for at least 15 minutes. Seek medical attention.

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## **SECTION 5. FIREFIGHTING MEASURES**

In the event of a fire involving this material, alone or in combination with other materials, use dry powder or carbon dioxide extinguishers. Protective clothing and self-contained breathing apparatus should be worn.

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## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions:

Wear suitable personal protective equipment which performs satisfactorily and meets local/state/national standards.

Respiratory precaution:

Wear approved mask/respirator

Hand precaution:

Wear suitable gloves/gauntlets

Skin protection:

Wear suitable protective clothing

Eye protection:

Wear suitable eye protection

Methods for cleaning up:

Mix with sand or similar inert absorbent material, sweep up and keep in a tightly closed container for disposal.

Environmental precautions:

Do not allow material to enter drains or water courses.

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## **SECTION 7. HANDLING AND STORAGE**

Handling:

This product should be handled only by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals, who should take into account the fire, health and chemical hazard data given on this sheet.

Storage:

Store in closed vessels, refrigerated.

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## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering Controls:

Use only in a chemical fume hood.

Personal protective equipment:

Wear chemical-resistant gloves, safety goggles.

General hygiene measures:

Wash thoroughly after handling. Wash contaminated clothing before reuse.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid  
Odor: Not determined  
Boiling point: Not determined  
Melting point: Not determined  
Flash point: Not determined  
Density: Not determined  
Molecular formula: C<sub>4</sub>H<sub>6</sub>O<sub>5</sub>V  
Molecular weight: 185.0

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## SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid:  
Heat, flames and sparks.  
Materials to avoid:  
Oxidizing agents.  
Possible hazardous combustion products:  
No data available.

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## SECTION 11. TOXICOLOGICAL INFORMATION

No data

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## SECTION 12. ECOLOGICAL INFORMATION

No data

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## SECTION 13. DISPOSAL CONSIDERATIONS

Arrange disposal as special waste, by licensed disposal company, in consultation with local waste disposal authority, in accordance with national and regional regulations.

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## SECTION 14. TRANSPORT INFORMATION

Non-hazardous for air and ground transportation.

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## SECTION 15. REGULATORY INFORMATION

Indication of Danger:  
Not determined  
Risk Statement:

Not determined

**Safety Statement:**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

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## **16. OTHER INFORMATION**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH). The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. American Elements shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. COPYRIGHT 1997-2022 AMERICAN ELEMENTS. LICENSED GRANTED TO MAKE UNLIMITED PAPER COPIES FOR INTERNAL USE ONLY.