



Section 1 - Chemical Product and Company Identification

Product Name Ammonium Metavanadate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99%
Product Code 94314
CAS No 7803-55-6
Use for Laboratory Chemicals.
Company Name Sisco Research Laboratories Pvt. Ltd.
Address 608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road,
Andheri (E), Mumbai - 400 099, India

Section 2 - Composition/Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
7803-55-6	Ammonium metavanadate	<=100	232-261-3

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Toxic if swallowed. Very toxic by inhalation. Irritating to eyes, respiratory system and skin.

Potential Health Effects

Eye: Causes eye irritation.
Skin: Causes skin irritation. May be harmful if absorbed through the skin.
Ingestion: May cause irritation of the digestive tract. Toxic if swallowed.
Inhalation: May be fatal if inhaled. Causes respiratory tract irritation.

Chronic:

Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
Skin: Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion: Do not induce vomiting. Get medical aid immediately. Wash mouth out with water.
Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Section 6 - Accidental Release Measures



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General Information: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

Section 7 - Handling and Storage

Handling: Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Use only in a chemical fume hood.

Storage: Store in a cool, dry place. Store in a tightly closed container.

Section 8 - Exposure Control / Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits CAS# 7803-55-6

Personal Protective Equipment

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State: Crystalline powder

Color: white - pale yellow

Molecular Formula: H₄NO₃V

Molecular Weight: 116.98

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Incompatible materials, exposure to moist air or water.

Incompatibilities with

Other Materials : Strong oxidizing agents, strong acids.

Hazardous Decomposition

Products : Oxides of nitrogen, vanadium oxide (VO_x) gases, ammonia.

Hazardous Polymerization : Has not been reported.

Section 11 - Toxicological Information



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RTECS#: CAS# 7803-55-6: YW0875000

LD50/LC50: RTECS: CAS# 7803-55-6:

Inhalation, rat: LC50 = 7800 ug/m³/4H;

Oral, mouse: LD50 = 25 mg/kg;

Oral, rat: LD50 = 58100 ug/kg;

Skin, rat: LD50 = 2102 mg/kg;

Carcinogenicity: Ammonium metavanadate - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Other: See actual entry in RTECS for complete information. The toxicological properties have not been fully investigated.

Section 12 - Ecological Information

Not available

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

	IATA		IMO	RID/ADR
Shipping Name:	Ammonium Metavanadate	Ammonium Metavanadate	Ammonium Metavanadate	Ammonium Metavanadate
Hazard Class:	6.1	6.1	6.1	
UN Number:	2859	2859	2859	
Packing Group:	II	II	II	

Section 15 - Regulatory Information

European/ International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: T+

Risk Phrases: R 25 Toxic if swallowed. R 26 Very toxic by inhalation.

R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases: S 22 Do not breathe dust. S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 28A After contact with skin, wash immediately with plenty of water. S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

WGK (Water Danger/Protection) CAS# 7803-55-6: Not available

Canada CAS# 7803-55-6 is listed on Canada's DSL List

US Federal

TSCA CAS# 7803-55-6 is listed on the TSCA Inventory.



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Safety Data Sheet

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Section 16 - Other Information

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.