



Arsenic Trioxide (As_2O_3)

CAS # 1327-53-3

Arsenic Trioxide is a highly toxic, white crystalline powder typically produced as a co-product from the processing of metal ores such as gold, iron, and sulfides. It is well known for its efficacy in wood preservation formulations and selected specialty applications.

KEY FEATURES & BENEFITS

- High purity: $\geq 99.0\%$ As_2O_3
- Consistent particle size for reliable formulation
- Available in multiple packaging formats
- Backed by technical support and regulatory guidance

APPLICATIONS

- Wood preservation (primarily in CCA timber treatments)
- Specialty glass manufacturing
- Other regulated industrial processes requiring high-purity arsenic compounds

TYPICAL SPECIFICATIONS

Parameter	Specification
As_2O_3 (%)	≥ 99.0
Sb_2O_3 (%)	≤ 0.10
Cl (%)	≤ 0.02
Pb (%)	≤ 0.01
Fe (%)	≤ 0.01
Moisture Content (%)	≤ 0.10



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

Available in:

- 600 kg Super Sacks
- 200 kg Steel Drums
- 250 kg Steel Drums

Custom packaging may be available on request.

STORAGE & HANDLING

Store in a cool, dry, well-ventilated area away from direct sunlight and moisture. Keep in sealed, original packaging and follow all local regulations for handling toxic substances.

SAFETY

This product is highly toxic and must be handled with appropriate personal protective equipment (PPE). For detailed safety and first-aid measures, please consult the Safety Data Sheet (SDS) prior to handling.