



It all starts with...
a reliable partner.



VISIT [ADVANSIX.COM](https://www.advansix.com) TO LEARN MORE.

U.S. Amines
An AdvanSix company.

Serving the agriculture, feed and chemical intermediates industries for more than 20 years

From protecting crops to powering crucial industrial processes, our alkyl and allyl amines are essential building blocks for sectors that shape our world.

As the leading North American producer of mono-Iso-Propylamine (MIPA), U.S. Amines, an AdvanSix company, takes pride in our legacy of success and our strong track record in serving as a trusted partner for our customers. As a part of the AdvanSix team since 2021, we provide customers with high-quality synthetic alkyl and allyl amines used in a variety of end markets, including agriculture, pharmaceutical and water treatment.

Unlock the power of chemistry with our high-quality MIPA. As a chemical intermediate, our MIPA is a fundamental compound used in the production of a wide range of products for end customers. While the industry average purity of MIPA is typically below 99.6 percent, ours has a guaranteed minimum purity of 99.7 percent.

Characterized as being a colorless, flammable liquid, MIPA offers a unique combination of properties that make it indispensable across a wide range of applications.



PRODUCT SPECIFICATIONS

ASSAY	SPECIFICATIONS
n-Propylamine (Assay)	99.5 wt % min.
Water	0.20 wt % max.
Platinum-Cobalt Color	15 max.
Di-n-propylamine	0.10 wt % max.
n-Propanol	0.10 wt % max.
Isopropylamine	99.7 wt % max.

KEY FEATURES AND PROPERTIES OF MIPA:

- **Exceptional solubility:** MIPA is readily drop soluble in water, enhancing its utility in various chemical processes and formulations.
- **Stability you can count on:** Under recommended storage conditions, MIPA maintains its integrity, ensuring consistent performance for your operations.
- **Versatile applications:** From agriculture to pharmaceuticals, MIPA's adaptability makes it a key raw material for innovators in numerous sectors.
- **Chemical reactivity:** With a low molecular weight, and being a primary amine, MIPA is highly reactive. This makes it valuable in organic synthesis.
- **Boiling point:** MIPA boils at approximately 32°C (90°F), facilitating its use in various industrial applications.

We've refined our MIPA production process to meet industry standards and your specific needs. Our facilities in Bucks, Alabama, and Portsmouth, Virginia leverage advanced technology to deliver a consistently high-quality product, providing you with a dependable supply of MIPA that you can rely on every time.



A BUILDING BLOCK FOR MULTIPLE INDUSTRIES

Our high-quality synthetic alkyl and allyl amines are powering innovations across a diverse array of sectors. Our unwavering commitment to quality has made MIPA the go-to choice for agrochemical and feed producers, as well as chemical manufacturers, both in the USA and globally.

As a vital building block, MIPA is indispensable in the production of numerous herbicides and pesticides. It's the key ingredient in formulations such as atrazine, bentazon, glyphosate, and many others that safeguard crops worldwide. By enabling the delivery of glyphosate acid in a usable herbicide form, MIPA helps farmers optimize soil nutrients, fostering robust crop growth.

But MIPA's versatility doesn't stop at agriculture. It serves as a crucial intermediate in organic synthesis, playing a pivotal role in developing coating materials, advanced plastics, rubber chemicals, and even pharmaceuticals. From protecting our food supply to advancing material science and healthcare, MIPA is shaping industries that matter.

SIMPLIFYING PROCESSES

In the world of chemical manufacturing, stability and reliability is key. MIPA excels in amination processes, where an amine group is introduced into an organic molecule. This stability is a game-changer for our customers, helping them avoid disruptions in their own manufacturing operations. By choosing us as your MIPA supplier, you are not just selecting a high-quality product – you are also opting for operational efficiency and reliability. Our consistent, dependable MIPA supply allows you to streamline your processes, reduce downtime and focus on what matters most: delivering excellence in your own products.

HOW TO HANDLE MIPA

Before handling MIPA, it's crucial to thoroughly review the [Safety Data Sheet](#). Always keep containers closed when not in use and open them slowly to allow excess pressure to vent. Keep MIPA away from heat, sparks, flames, and other ignition sources. Protect small containers from physical damage. When loading, unloading, or transferring MIPA, use proper electrical grounding and bonding procedures. Consult the U.S. Amines Safety Data Sheet for information on materials to avoid. Use spark-resistant tools and ensure all electrical equipment and circuits in storage and handling areas conform to national electrical code requirements for hazardous locations (Articles 500 and 501).

STORAGE RECOMMENDATIONS

- **Recommend blanketing with dry nitrogen**
- **Temperature range: -17.8-26.7°C (0-80°F)**
- **Storage pressure: Atmospheric if tank is equipped with cooling system. Pressure tank required without cooling.**
- **If acquiring in bulk, store in outside, detached tanks**

THE ADVANSIX DIFFERENCE

Our high-quality synthetic alkyl and allyl amines are powering innovations across a diverse array of sectors. Our unwavering commitment to quality has made MIPA the go-to choice for agrochemical and feed producers, as well as chemical manufacturers, both in the USA and globally.

HIGH-QUALITY PRODUCT WHEN YOU NEED IT

Readily available and shipping directly from our Bucks, Alabama, U.S.A. facility, we ensure fast delivery while eliminating the need for high inventory levels on your end. Whether you require large volumes via rail cars, trucks or ISO containers, or smaller quantities made available through our valued distribution partners, we're equipped to meet your needs.

PARTNERSHIP EVERY STEP OF THE WAY

Our commitment to excellence extends beyond our products – we also pride ourselves on providing unparalleled customer service and technical support to customers, no matter their location. Our dedicated team and their product-specific expertise, stands ready to assist you promptly and effectively. This deep knowledge ensures we can address your unique needs with precision and efficiency.

At U.S. Amines, an AdvanSix company, we don't just produce materials; we forge partnerships. By collaborating closely with our customers, we gain deep insights into their requirements, allowing us to tailor our offerings and provide customized solutions. Choose us for reliable, efficient and high-quality amines, backed by best-in-class service and support.

Although AdvanSix Inc. believes that the information contained herein is accurate and reliable, it is presented without guarantee or responsibility of any kind and does not constitute any representation or warranty of AdvanSix Inc., either expressed or implied. A number of factors may affect the performance of any products used in conjunction with user's materials, such as other raw materials, application, formulation, environmental factors and manufacturing conditions among others, all of which must be taken into account by the user in producing or using the products. The user should not assume that all necessary data for the proper evaluation of these products are contained herein. Information provided herein does not relieve the user from the responsibility of carrying out its own tests and experiments, and the user assumes all risks and liabilities (including, but not limited to, risks relating to results, patent infringement, regulatory compliance and health, safety and environment) related to the use of the products and/or information contained herein.

©2024 AdvanSix Inc. All rights reserved.

NOTE

This brochure is intended to provide general information only. As such, AdvanSix assumes no liability for the interpretation or use of information presented herein. For recommendations specific to your applications, please contact the appropriate supplier(s).

CONTACT ADVANSIX

Contact AdvanSix to learn more about the benefits of MIPA.

ADVANSIX.COM

1-844-890-8949 (TOLL FREE, U.S./CAN.)

1-973-526-1800 (INTERNATIONAL)

ADVANSIX HEADQUARTERS

300 Kimball Drive, Suite 101

Parsippany, NJ 07054



U.S. Amines
An AdvanSix company.