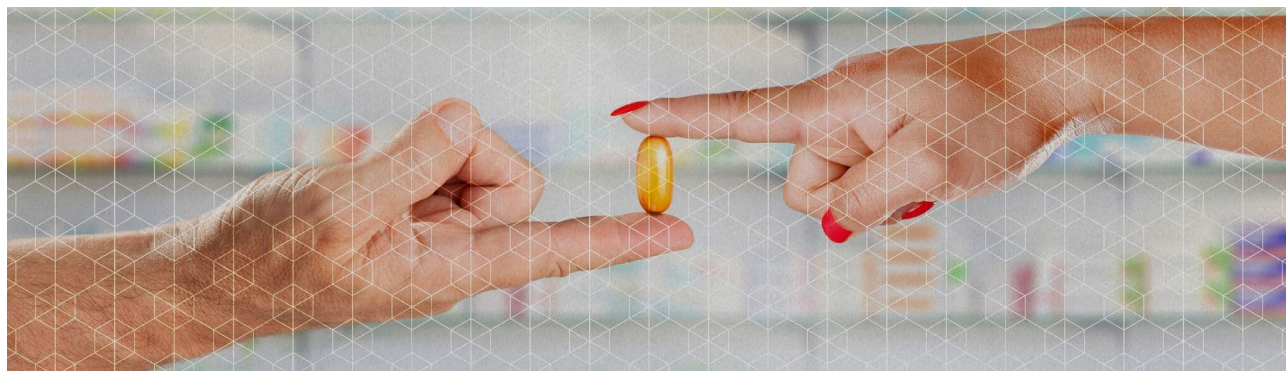


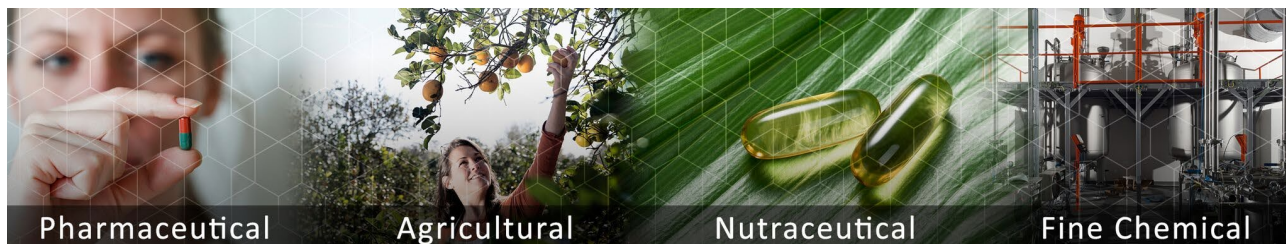
VENPURE™ Sodium Borohydride

Essential products for demanding applications of synthetic chemistry



► VENPURE SODIUM BOROHYDRIDE

Ascensus is the world's leading supplier sodium borohydride reducing agents for demanding life science applications such as:



► VENPURE SODIUM BOROHYDRIDE DELIVERS

VENPURE sodium borohydride is a critical tool for synthesis chemists for performing high yield reductions at both lab and production scale. Key benefits valued by synthesis chemists are:

- High efficiency and simple work up process deliver advantaged total reduction cost
- Low capital investment for implementation of technology
- Broad chemo- and diastereo-selectivities (for borohydride products)
- A variety of product grades, allowing customers to select the grade that meets their process requirements
- Reliable supplier with global reach and unrivaled track record of operational reliability
- A selection of package sizes to accommodate customer's preference
- Technical advice on both safe handling and cost-efficient use
- ISO 9001, VPP (OSHA Voluntary Protection Program), Kosher, and Halal certified world class manufacturing facility in Elma, WA, USA

▶ VENPURE PRODUCT SUITE

	ASSAY	DESCRIPTION	TYPICAL USE	STREM CATALOG NO.	CLASS
VENPURE SF Powder Sodium borohydride NaBH ₄	>98.5%	White powder Typical particle size 0.2 mm Prop. anti-caking agent	Dispersion in ether solvents High active surface area	93-1118	UN: 1426 CAS: 16940-66-2 EINECS: 241004-4
VENPURE SF Granules Sodium borohydride NaBH ₄	>98.5%	White crystals Typical particle size 0.6 mm Prop. anti-caking agent	Dissolution in solvents such as ethanol and glycol ethers Less dusting, easier to handle	11-1119	UN: 1426 CAS: 16940-66-2 EINECS: 241004-4
VENPURE AF Granules Sodium borohydride NaBH ₄	>99.0%	White crystals Typical particle size 0.6 mm Additive free	Dissolution in solvents such as ethanol and glycol ethers Less dusting, easier to handle	11-1120	UN: 1426 CAS: 16940-66-2 EINECS: 241004-4
VENPURE AF Caplets Sodium borohydride NaBH ₄	>99.0%	White capsules Caplet, 1 cm long Additive free	Ideal for slow release and packed bed Essentially dust free	11-1117	UN: 1426 CAS: 16940-66-2 EINECS: 241004-4
VENPURE Solution Sodium borohydride NaBH ₄	12%	Transparent liquid Aqueous solution in 40% sodium hydroxide (NaOH)	For reactions in aqueous solution Liquid dosing	11-1121	UN: 3320 CAS: 16940-66-2 EINECS: 241004-4



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Ascensus Specialties is one of the world's leading providers of specialty chemicals for a variety of industries. Our chemistries improve the way our clients create their products by making what they do easier, more efficient, safer and more selective. From our world-class production facilities in Elma, Washington and Evans City, Pennsylvania, we have a global reach that ensures our clients can consistently manufacture their products at the highest standards. What does all of this mean? Our clients are able to make the best possible products to change people's lives for the better and we're able to make the world a better place with chemistry that matters.