



Product Overview

Borohydrides

Boranes

Specialty Alcoholates

Boronic Acids & Esters

Alkali Metals

Borohydrides

PRODUCT	DESCRIPTION	CLASS	APPLICATION
VENPURE Sodium Borohydride	Powder, Granules, Caplets, Liquid	CAS: 16940-66-2	Organic synthesis and other processes
VENPURE Lithium Borohydride (LBH)	Liquid	CAS: 16949-15-8	Reduction and hydroboration
CALSELECT Lithium tri-sec-butylborohydride (Li)	Liquid	CAS: 38721-52-7	Reduction and radical initiator
CALSELECT Sodium tri-sec-butylborohydride (Na)	Liquid	CAS: 67276-04-4	Reduction
CALSELECT Lithium triethylborohydride (LT)	Liquid	CAS: 22560-16-3	Reduction
CALSELECT Sodium triacetoxyborohydride (STAB)	Powder	CAS: 56553-60-7	Reduction and reductive amination
BOROL Sodium Borohydride (SBH)	Liquid	CAS: 16940-66-2	Improve brightness, yield, or viscosity of pulp streams
CHROMACLEAR Sodium Borohydride (SBH)	Liquid	CAS: 16940-66-2	Deinking recycled pulp
COLORCLEAR Sodium Borohydride (SBH)	Liquid	CAS: 16940-66-2	Improves various technologies in textiles
BOROFUEL Sodium Borohydride (SBH)	Liquid	CAS: 16940-66-2	Generates energy in emergency situations to power electronics
VENMET Sodium Borohydride (SBH)	Liquid	CAS: 16940-66-2	Reduces metal content of products and effluent streams
CALSELECT Lithium tri-tert-butoxyaluminum hydride (LTBA)	Liquid	CAS: 17476-04-9	Reduction

Boranes

PRODUCT	DESCRIPTION	CLASS	APPLICATION
CALLERY Borane tetrahydrofuran (BTHF)	Liquid	CAS:14044-65-6	Reduction and hydroboration
CALLERY Dimethylsulfide borane (DMSB)	Liquid	CAS: 13292-87-0	Reduction and hydroboration
CALLERY (+)- Diisopinocampheylchloroborane ((+)-DPC)	Liquid	CAS: 112246-73-8	Chiral reducing agent
CALLERY (-)- Diisopinocampheylchloroborane ((-)-DPC)	Liquid	CAS: 85116-37-6	Chiral reducing agent
CALLERY Triethylamine borane (TEAB)	Liquid	CAS: 1722-26-5	Reduction and reductive amination
CALLERY N,N-Diethylaniline borane (DEANB)	Liquid	CAS: 13289-97-9	Reduction, hydroboration, and amination
CALLERY 5-Ethyl-2-methylpyridine borane (PEMB)	Liquid	CAS: 1014979-56-6	Reduction and reductive amination
CALLERY Triethylborane (TEB)	Liquid	CAS: 97-94-9	Reagent for beta-hydroxy-ketones to syn-diols and radical initiator
CALLERY Tri-n-butylborane-3-methoxypropylamine (TnBB-MOPA)	Liquid	CAS: 345269-15-0	Radical generator for polymerization at ambient temp. or lower for fast cure time
CALLERY (R)- Methyl oxazaborolidine ((R)-MeCBS)	Liquid	CAS: 112022-83-0	Chiral reducing agent
CALLERY (S)- Methyl oxazaborolidine ((S)-MeCBS)	Liquid	CAS: 112022-81-8	Chiral reducing agent
CALLERY Methoxydiethylborane (MDEB)	Liquid	CAS: 7397-46-8	Reduction of beta-hydroxy-ketones to synalcohols
CALLERY Triethylborane-1,3-diaminopropane (TEB-DAP)	Liquid	CAS: 148861-07-8	Radical generator for polymerization at ambient temp. or lower for fast cure time
CALLERY Triethylborane-diethylenetriamine (TEB-DETA)	Liquid	CAS: 1187733-83-0	Radical generator for polymerization at ambient temp. or lower for fast cure time
CALLERY 9-Borobicyclo-[3.3.1]-nonane (9-BBN)	Liquid	CAS: 280-64-81	Carbon-Carbon coupling reagent

Chemistry Made for What Matters



Specialty Alcoholates

PRODUCT	DESCRIPTION	CLASS	APPLICATION
CALLERY Potassium tert-butoxide (KTB)	Powder, Liquid	CAS: 865-47-4	Non-nucleophilic sterically hindered base
CALLERY Potassium tert-amylate (KTA)	Liquid	CAS: 41233-93-6	Non-nucleophilic sterically hindered base
CALLERY Sodium tert-butoxide (STB)	Powder, Liquid	CAS: 865-48-5	Non-nucleophilic sterically hindered base
CALLERY Sodium tert-amylate (STA)	Powder, Liquid	CAS: 11593-46-5	Non-nucleophilic sterically hindered base
CALLERY Lithium tert-butoxide (LTB)	Liquid	CAS: 1907-33-1	Strong base
CALLERY Sodium mentholate (NaM)	Liquid	CAS: 19321-38-1	Non-nucleophilic sterically hindered base
CALLERY Potassium isopropoxide (KIP)	Liquid	CAS: 6381-82-9	Non-nucleophilic sterically hindered base
CALLERY Potassium ethoxide (KE)	Liquid	CAS: 917-58-8	Strong base
CALLERY Potassium 3,7-Diethyl-3-octylate (KDMO)	Liquid	CAS: 865-48-5	Non-nucleophilic sterically hindered base
CALLERY Potassium hexamethyldisilazane (KHMDs)	Liquid	CAS: 40949-94-8	Non-nucleophilic sterically hindered strong amide base
CALLERY Sodium hexamethyldisilazane (NaHMDs)	Liquid	CAS: 1070-89-9	Non-nucleophilic sterically hindered strong amide base
CALLERY Lithium hexamethyldisilazane (LiHMDs)	Liquid	CAS: 4039-32-1	Non-nucleophilic sterically hindered strong amide base
CALLERY Sodium n-butoxide (SNB)	Liquid	CAS: 2372-45-4	Strong base
CALLERY Potassium superoxide (KO ₂)	Liquid	CAS: 12030-88-5	Chemical oxygen source
CALLERY Lithium methoxide (LiOMe)	Liquid	CAS: 124-41-4	Strong base

Boronic Acids & Esters

PRODUCT	DESCRIPTION	CLASS	APPLICATION
CALLERY Methylboronic Acid (MBA)	Powder	CAS: 13061-96-9	Selective methylation
CALLERY Trimethoxyboroxin (TMBX)	Liquid	CAS: 102-24-9	Epoxy resin curing agent and cross-linker
CALLERY Methylboroxin (MBX)	Liquid	CAS: 823-96-1	Reduction and methylating agent
TMB AZEO Trimethyl borate (TMB)	Liquid	CAS: 121-43-7	Soldering
TMB PURE Trimethyl borate (TMB)	Liquid	CAS: 121-43-7	Suzuki couplings
TMB HP Trimethyl borate (TMB)	Liquid	CAS: 121-43-7	Suzuki couplings
CALLERY Isopropyl pinacol borate (PINBOP)	Liquid	CAS: 61676-62-8	Carbon-Carbon coupling reagent
BOROFUEL Triethylborane - Triethylaluminum 85:15 Mixture (TEBAL)	Liquid	CAS: 97-93-8; 116-70-7	Pyro ignition source
CALLERY Pinacolborane (PINB)	Liquid	CAS: 25015-63-8	Carbon-Carbon coupling reagent





Alkali Metals

PRODUCT	DESCRIPTION	CLASS	APPLICATION
CALLERY Sodium-Potassium Alloy (NaK)	Liquid	CAS: 11135-81-2	Catalyst for side-chain alkylation of aromatics and reducing agent
CALLERY Potassium Metal (K Metal)	Solid, Liquid	CAS: 7440-09-7	Catalyst for side-chain alkylation at benzylic methyl groups with olefins and reducing agent



Headquartered in Bellevue, WA, **Ascensus Specialties** is a global leader in catalysts, ligands, building blocks, and specialty reagents. Our 60+ years of synthetic knowhow, allows us to bring additional value to our clients through our custom synthesis and GMP services. From world-class manufacturing facilities in Elma, WA, Evans City, PA, Newburyport, MA, and Cambridge, UK, Ascensus has a global reach that ensures our clients can consistently manufacture their products to the highest standards.

▶ THE ASCENSUS ADVANTAGE

60+ Years of Experience

Custom-Tailored Purity and Impurity Profiles

Commercial GMP Capabilities

Supply Chain Development

Process Control and Robustness

Bioburden Control

CONTACT

E ask@ascensusspecialties.com

U www.ascensusspecialties.com



CORPORATE OFFICE

Ascensus Specialties
2821 Northup Way, Suite 275
Bellevue, WA 98004

MANUFACTURING FACILITIES

4800 State Route 12
Elma, WA 98541

1424 Mars-Evans City Rd
Evans City, PA 16033

7 Mulliken Way
Newburyport, MA 01950

Haverhill Road,
Stradishall Newmarket
Suffolk, CB8 9EX