



Sodium Salt of 2-Acrylamido-2-methylpropanesulfonic Acid, 50% (ATBS.Na 50%)

CAS No.: 5165-97-9
Formula: $C_7H_{12}NNaO_4S$

DESCRIPTION

ATBS.Na 50% is a vinyl monomer that is highly reactive, hydrophilic, and anionic in nature. It is widely recognized for its ability to enhance performance characteristics in polymer systems. Its unique molecular structure allows it to impart durability, stability, and improved processing across a variety of industrial applications.

KEY FEATURES

- Highly reactive and hydrophilic monomer
- Provides anionic functionality
- Compatible with a wide range of copolymerization systems
- Improves dispersibility, flocculation, and scale inhibition

APPLICATIONS

- Flocculants for water treatment
- Dispersants in coatings and pigments
- Friction reducers for enhanced oil recovery and industrial processes
- Scale control agents in water systems

TYPICAL SPECIFICATIONS

Parameter	Specification
Main Content (%)	≥ 50.0
Appearance	Colorless to light yellow liquid
Viscosity (mPa.s @ 25 °C)	≤ 20.0
Density (g/cm ³ @ 20 °C)	1.18 – 1.23
pH (25 °C)	8.0 – 10.0



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

Chemport Pty Ltd provides the information contained in this document in good faith based on the best knowledge available at the time of publication. While we believe the information to be accurate and reliable, it is intended for general guidance only and is provided without warranty of any kind, express or implied.

Users are solely responsible for determining the suitability of this product for their specific application and for ensuring compliance with all relevant regulations, industry standards, and intellectual property rights. The product must not be used in violation of any law, statute, or third-party rights.

Chemport Pty Ltd shall not be liable for any direct, indirect, or consequential loss or damage arising from the use of this product or reliance on the information provided in this document. Users should refer to the current Safety Data Sheet (SDS) and perform their own evaluations, including any necessary testing, to confirm the product's suitability for use in their particular conditions.

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

TECHNICAL SUPPORT
+61294103317
info@chemport.com.au

Level 9 Tower A
821 Pacific Highway
Chatswood NSW 2067
Australia
chemport.com.au

PACKAGING

- IBCs
- Bulk

STORAGE

- Store in a dry, well-ventilated area away from direct sunlight. Keep containers tightly closed in original packaging.

SAFETY & HANDLING

- Consult the product Safety Data Sheet (SDS) for detailed information on safe handling, storage, and disposal.