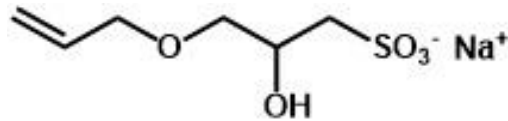


## BIMAX® CS-AHPS

Sodium 1-allyloxy-2-hydroxypropyl sulphonate  
CAS No. 52556-42-0  
EINECS No. 2580045



### Applications

This material is an allyl ether sulphonate sodium salt supplied in water at 40% solids. When copolymerized into emulsion or aqueous solution polymers, this product promotes stability and adhesion. In latex systems, the bound ionic charges provided by this material are highly effective in stabilizing the emulsion polymer particles both during polymerization and during subsequent formulation. The resulting latexes exhibit mechanical stability, chemical stability, and good water resistance. Paints made from these latexes have been shown to exhibit improved gloss characteristics. Other applications include water treatment, construction superplasticizers, dispersions for clay, mineral processing, fluid loss control agents, etc.

#### Typical Properties

Total solids, %	40
pH	6-7
Sodium bisulfate, %	< 0.1
Allyl glycidyl ether, %	< 0.3

#### Physical Properties

Appearance	clear liquid
Molecular weight	218.2 g/mol
Density (relative)	1.17 g/cm <sup>3</sup>

### Packaging

55-gallon poly drums, containing 225 kg each  
275-gallon IBCs, containing 1125 kg each

### Storage and Handling

Store at temperatures between 0 and 32°C, in a dry and well-ventilated place. Wear goggles and gloves. Eye and skin contact, as well as inhalation, should be avoided. If contact occurs, wash affected area immediately with cold water. Consult the Safety Data Sheet.

This information is presented for your consideration in the belief that it is accurate and reliable; however, Bimax makes no guarantees or warranty, either expressed or implied, of the accuracy or the completeness of this information. The information in this data sheet is designed only as a guidance for safe handling, storage and use of the substance. It is not a specification, nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Individuals receiving this information are expected to use their own judgment in determining the relevancy for a particular circumstance. Accordingly, Bimax will not be responsible for damages of any kind resulting from the use of, or reliance upon, such information.