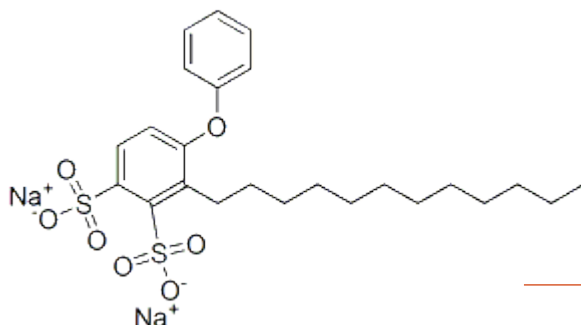


## ADA ANIONIC 45



**IUPAC NAME:** Sodium Dodecyl Diphenyl Oxide Disulfonate

**CHEMICAL FORMULA:**

**CAS NO:** 119345-04-9

**MOLECULAR WEIGHT:**

**PACKING:**

### PRODUCT DESCRIPTION:

ADA ANIONIC 45 is a clear amber colored, 45% active aqueous solution of sodium branched dodecyl diphenyl oxide disulfonate. ADA ANIONIC 45 is a powerful surfactant & an excellent hydrotrope and coupling agent all in one. It is stable in broad range of acids, alkalis, chlorine, peroxide and builders / electrolytes.

### PROPERTIES:

ADA ANIONIC 45 is a powerful surfactant that is stable in harsh environment. It is a surfactant and hydrotrope in one and can be used to formulate extra concentrated detergents. ADA ANIONIC 45 offers excellent wetting, coupling, solubilizing and emulsification properties together with streak free cleaning performance.

### APPLICATION AREAS:

Latex Emulsification – ADA ANIONIC 45 produces consistent polymerizations with excellent mechanical and thermal stability. It's interfacial absorption and low critical micelle concentration helps in emulsification and particle size control. Agricultural Chemicals – High emulsification and excellent water solubility of ADA ANIONIC 45 can aid the formulator of agricultural emulsions by providing a broader blend of anionic to nonionic in hard to emulsify pesticides and herbicides. H I & I Cleaners – ADA ANIONIC 45 is uniquely stable and effective in acid, alkali, chlorine & peroxy bleach as well as electrolyte/ builder containing formulas. It is a strong surfactant plus hydrotrope and coupler. ADA ANIONIC 45 is perfect for streak free cleaning. It is also the surfactant of choice for heavy duty cleaners, bleach and peroxy cleaners, toilet bowl cleaners, glass and all-purpose cleaners as well as concentrated 2X – 4X laundry and dish wash detergents.

### IT IS APPLIED IN THE PRODUCTION OF:

- Cleaners
- Textile
- Pulp&Paper
- Agrochemicals
- Oilfield
- Emulsion polymerization
- Fragrance solubilization

**CHEMICAL PROPERTIES**

<b>PURITY</b>	45.0%
<b>IRON (ppm)</b>	5.0 max
<b>WATER AMOUNT</b>	50-60%
<b>COLOUR (5% solution, #42 filter, Klett)</b>	30
<b>INHIBITOR</b>	

**PHYSICAL PROPERTIES**

<b>APPEARANCE</b>	Clear, light amber liquid
<b>PHYSICAL STATE</b>	Liquid
<b>ODOR</b>	Mild Odor
<b>DENSITY</b>	9.6 lb/gal @ 20°C
<b>BOILING POINT</b>	more than 100°C
<b>FREEZING POINT</b>	-3.73°C
<b>pH</b>	8.5-10.5 (%5 water solution)
<b>VISCOSITY</b>	1360cP @ 25°C

**SAFETY INFORMATION**

<b>STORAGE CONDITIONS</b>	In case of the product becoming opaque, thickening or being frozen due to the effects of cold, allow it to thaw slowly at room temperature. Stir briefly before use.
<b>DISPOSAL</b>	Product: In accordance with local authority regulations, take to special waste incineration plant Contaminated packaging: Packaging that cannot be cleaned should be disposed of as product waste
<b>TRANSPORT INFORMATION</b>	<b>ADR:</b> not restricted <b>ADN:</b> not restricted <b>RID:</b> not restricted <b>IATA:</b> not restricted <b>IMDG:</b> not restricted

For more information, check the **SAFETY DATA SHEET** or get contact with us.