

ADOGEN® 442 PG

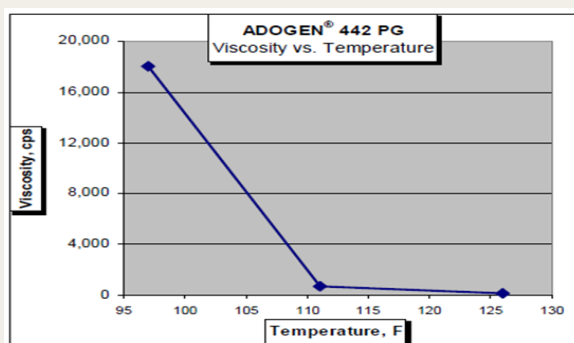
Quaternary ammonium salt

Composition

ADOGEN® 442 PG is dimethyl dehydrogenated tallow ammonium chloride, a quaternary ammonium salt supplied at 75 % activity in propylene glycol. It is strongly cationic. ADOGEN® 442 PG is dispersible in hot water and handles readily at 130–140 °F.

Physical properties

Appearance at 21 °C	light yellow solid
Total solids, %	74 – 77
Color, Gardner '63, max.	4
pH (10 % in IPA/water)	5 – 8
Flash point (Penskey Marten CC), °F	> 212
Density, g/cm ³	0.89
Water, % avg	1



Application fields

- Textile softener
- Tissue softener and release agent in paper processing
- Organo clay manufacture

Benefits

- Imparts premium softness to flat goods.
- Provides "slick hand (as opposed to "dry" hand of amido-amine or imidazolinium type softeners).
- Gives appreciable softening even at low use levels.
- Imparts good anti-stati properties to cotton and synthetic fabrics.
- High flash point.
- Non yellowing textile softener.

Registration status

ADOGEN® 442 PG is listed on the TSCA inventory. ADOGEN® 442 PG is cleared for the following international inventories:

EINECS, ENCS, AICS, ECL, China, and DSL

Storage and handling

For storage and handling information, please refer to our safety data sheet.

Packaging

ADOGEN® 442 PG is available in specially lined 55-gallon open-head non-returnable steel drums, 390 pounds net.

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our safety data sheets.

10/2015

Trademark notice and legal notice

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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