

ADOGEN® 570 S

Fatty-1,3-propylene diamine

Composition

ADOGEN® 570 S is a fatty-1,3-propylene diamine manufactured from tallow type fatty acids. CAS# 68439-73-6.

Physical properties

Appearance @ 25 °C	ivory solid
Color, Gardner '63	5 max.
Secondary/tertiary amine value	155 - 175
Total amine value	325 - 350
Water, Wt.%	0.5 max.
Iodine value	30 - 45
Density, g/cm ³	0.82
Flash point (SETA Flash CC), °F	> 200
VOC lb/gal	0.32
Combined weight	165
Melting point °C	37
pH (0.5 g in 90/10 chloroform/aqueous IPA)	9 - 11
Viscosity (38 °C), mPas	11

Application Field

ADOGEN® 570 S adsorbs well on negatively charged surfaces including metals, plastics, textiles and mineral ores

- Gasoline additive
- Corrosion additive
- Dispersant
- Emulsifier
- Flotation reagent
- Epoxy curing agent
- Chemical intermediate

Benefits

ADOGEN® 570 S is an N-alkyl-1, 3-propylene diamine. ADOGEN® 570 S contains both primary and secondary amine groups. It is a strong bifunctional base and exhibits greater cationic surface activity than the primary amine from which it is derived.

The physical characteristics of ADOGEN® 570 S enable it to bond strongly to relatively negatively-charged surfaces such as metals, textiles, plastics, and mineral ores.

Registration status

ADOGEN® 570 S is listed on the TSCA inventory. ADOGEN® 570 S is cleared for the following international inventories:

EINECS, AICS, ECL, China, PICCS, and DSL

Storage and handling

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

Packaging

ADOGEN® 570 S is available in bulk and also in 55-gallon, 163 kg net, tight-head non-returnable steel drums.

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 material safety data sheets.

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Trademark notice and legal notice

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