

3-(Dimethylamino) Propylamine (DMAPA)

You have shown a positive allergic reaction to 3-(Dimethylamino) Propylamine. You should avoid contact with this substance.

What is it?

3-(Dimethylamino) Propylamine is a chemical in preparation of some surfactants. Surfactants play an important role as cleaning, wetting, dispersing, emulsifying, foaming, and anti-foaming agents.

How do I avoid it?

Skin contact with 3-(Dimethylamino) Propylamine is required for it to cause a rash. Discontinuation of exposure to products containing 3-(Dimethylamino) Propylamine should result in improvement and/or resolution of your dermatitis. By law, all products made in the US for topical use have the ingredients listed either on the product package or the box that contains it, so check the labeling of your skin care products for this ingredient. If there is no information ask your pharmacist or call the company directly. At work, request a material safety data sheet (MSDS) to help identify potential sources of exposure.

Uses:

- Impurity that can be found in surfactants (soaping agents)
 - Cosmetics
 - Shampoos and liquid soaps
 - Washing, dishwashing and other detergents
 - Hair coloring
- Other final products may include
 - Agricultural chemicals
 - Binding agents
 - Carburetor detergents
 - Flocculents in removing floating solids and oil from waste water
 - Drilling fluids in the mining industry
 - Derivatives can be used in fuels as
 - Cloud point reducers
 - Dispersants
 - Stabilizers for prevention of deposits or icing
 - Reduction of octane number requirements
 - Derivatives can also be used as
 - Anti-oxidants
 - Corrosion inhibitors for lubricants
 - Fungicides
 - Water-resistant textile fibers
- Pet Shampoos
- Leather treatment
- Weather proof product
- Fabric softeners
- Gasoline additive
- Fabric dye (silk, cotton & synthetics)
- Paper ink
- Hardeners in Epoxy resin
- Rubber
- Fabric softeners

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(continued)

Other names for Dimethylaminopropylamine:

- 3-Aminopropyl Methylamine
- 3-Dimethylaminopropylamine
- Aerosol 30
- Dimethylaminopropylamine
- DMAPA
- Emery 5430
- Lonzaine C
- Merataine
- N, N-Dimethyl-1, 3-Propanediamine
- NN-Dimethy-1-3-propanediame
- Tego-betain
- Velvetex

Potential cross-reacting/co-reacting substances:

- Cocamidopropyl betaine
- Amidoamine