

ADOGEN® 172

Primary oleyl amine

Composition

ADOGEN® 172 is a primary oleyl amine of vegetable origin.
CAS #112-90-3

Physical properties

Appearance at 25 °C	slight yellow to clear liquid
Secondary, tertiary amine value, max.	7.0
Primary Amine %, min.	95
Color, Gardner '63, max.	3
Moisture, % max.	0.5
Iodine value, min.	85
pH (5% in IPA/water)	9 - 11
Density, g/cm ³	0.82
Flash point (Penskey-Marten CC), °F	> 200

Application fields

- Metal corrosion inhibitor
- Petroleum additives
- Lube oil additives
- Pulp and paper aditives
- Protective coating additives
- Textile auxiliaries
- Chemical intermediates

Other properties

Fatty amines are weak bases soluble in common organic solvents such as benzene, hexane, and isopropanol but insoluble in water. Salts prepared by reacting the amines and acetic acid are water dispersible. Iodine values, liquidity and other characteristics of each fatty amine are determined by the long chain alkyl group.

Registration status

ADOGEN® 172 is listed on the TSCA inventory. ADOGEN® 172 is cleared for the following international inventories:

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

Storage and handling

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

Packaging

ADOGEN® 172 is supplied in specially lined 55-gallon, tight-head, non-returnable steel drums. Both tank wagon and tank car quantities are also available.

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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