CG 352 Technical Date Sheet

1. Chemical Composition

Chemical Name: bis (2-ethylhexyl) amine

CAS #: 106-20-7

2. Product Description

CG 352, bis (2-Ethylhexyl) amine, is a secondary amine, with branched alkyl groups. It is a colorless clear liquid at ambient, with an amine odor. It is slightly soluble in water, and it is soluble in many organic solvents, such as ethyl acetate and tetrahydrofuran. It is used as the intermediate of surfactants and corrosion inhibitors. It is also widely used in personal care and lubricant industries.

3. Applications

- Chemical intermediate for surfactants.
- Chemical intermediate for corrosion inhibitors.
- Lubricant additives.
- Cosmetic additives.

4. Typical Chemical and Physical Properties

Property	Results
Appearance, 25 °C	Colorless Liquid
Density, 25 °C, g/cm^3	0.805
Water content, % wt	0.1
Purity	99.4
Boiling Point, °C	277
Flash point, °C, closed cup	70 min

5. Packaging

160 kg / metal drum, 800 kg / IBC tank

6. Handling and Storage

Recommended handling temperature: Ambient temperature preferred, 60 °C Max.

CG 352 has a low flash point. Refer to SDS for more handling and storage information.

Storage: the product is recommended to be stored in cool and dry areas. Direct sunlight should be avoided. Ambient temperature is highly recommended for long-term storage.

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