CG 351 Technical Date Sheet

1. Chemical Composition

Chemical Name: 2-ethylhexyl amine

CAS #: 104-75-6

2. Product Description

CG 351, 2-Ethylhexyl amine, is a primary amine, with a branched alkyl chain. It is a colorless clear liquid at ambient, with a fish-like odor. It is slightly soluble in water, and it is soluble in many organic solvents, such as alcohols. It has many applications in a variety of industries, including pharmaceuticals, lubricants, and fuels. It is also used as a chemical intermediate to manufacture many end products.

3. Applications

- Chemical Intermediate.
- Lubricant additives.
- Fuel additives.
- Used to produce detergents.
- Coating addtives.
- Paint additives.
- Dye raw materials.

4. Typical Chemical and Physical Properties

Property	Results
Appearance, 25 °C	Colorless Liquid
Density, 20 °C, g/cm^3	0.78
Water content, % wt	0.1
Purity	99.5
Boiling Point, °C	170
Water solubility, 20 °C, g/l	2.5
Flash point, °C, closed cup	52

5. Packaging

160 kg / metal drum, 800 kg / IBC tank

6. Handling and Storage

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

CG 351 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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