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Technical Data Sheet

Sodium ethoxide

Product Information

Chemical Name	Sodium ethoxide
CAS #	141-52-6
Formula	C ₂ H ₅ NaO
Molecular Weight	68.05
Synonyms	Sodium ethylate
Chemical Structure	



Description

- Appearance: light yellow powder or particule.reddish brown viscous liquid
- Sensitivity to light.
- Easy to decompose in the air without sealed packing.
- It will become dark during long storage.

Physical Properties

Melting point	260℃
Boiling point	91℃
Density	0.868 g/mL at 25
Flash point	48 ° F

Specification

Item	Specification
Appearance	Light yellow powder or particle
Assay	≥ 99.0%
Free alkali	≤ 1.0%
Na ₂ Co	≤ 0.5%

Item	Specification
Appearance	Reddish brown viscous liquid
Assay	18%-21%
Free alkali	<0.5%

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

- Ethoxylate agent, as well as a coagulant and reductant for organic synthesis, pharmaceuticals and pesticides synthesis;

- Pharmaceutical products used sodium ethoxide are: phenobarbital, butazodine, primidone, methyldopa, tetracaine hydrochloride, eprazinone, aminopterin, pyrimethamine, horse ampicillin etc.

Packaging

Solid: 80KG/barrel (4bags/barrel, 25kg/bag)
Liquid: 180kg/drum, 80drums/20" FCL

Storage & Handling

Sealed packing and stored in a cool, dry place away from fire, light, oxidizing agents and acids.

Out fire: Dry powder, Carbon dioxide and sand. Do not use water or foam.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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