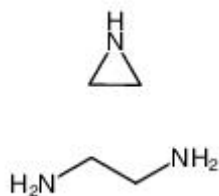


**FC-041 (CAS 25987-06-8) Aziridine, polymer with
1,2-ethanediamine****BASIC
INFORMATION**

cas: 25987-06-8
Name: Aziridine, polymer with 1,2-ethanediamine
Polyethylenimine, ethylenediamine branched;
Molecular formula: C₄H₁₃N₃
Molecular weight: 103.16600
PSA: 73.98000
LOGP: 0.22280

PHYSICAL INDEX

Density: 1.050 g/mL at 25 ° C
Boiling point: 119.7° C at 760mmHg
Flash point: 33.9° C
Refractive index: n₂₀/D 1.5240
Vapor pressure: 15.8mmHg at 25 ° C

**SECURITY
INFORMATION**

Safety instructions: S26-S36
Hazard category code: R22
Customs code: 3911900090
Dangerous goods mark: Xn
Hazard description: H302; H317; H318; H412
Signal word: Danger
Danger signs: GHS05, GHS07

Hazard prevention statement: P273; P280; P305 + P351 + P338

**PRODUCTION
METHODS AND
APPLICATION**

use

It is mainly used as a wet strength agent for unsizing absorbent paper (such as filter paper, blotting paper, toilet paper, etc.), but its damaged paper is difficult to handle. In addition, it can speed up the filtration of pulp and make the fine fibers in the white water flocculate easily.
