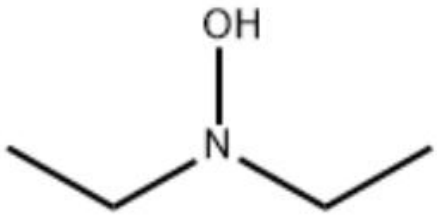
N,N-Diethylhydroxylamine(DEHA)

CAS No.	3710-84-7	**EINECS No.**	223-055-4
Molecular Formula	C_4H_9NO	**Molecular Weight**	89.14

Structural Formula



Product Features

1. Used in efficient polymerization inhibitor for alkene as vinyl monomer.
2. As efficient end-polymerization inhibitor.
3. Excellent terminator in emulsion polymerized butadiene styrene rubber procedure.
4. Antioxidant for unsaturated oils and resin.
5. Favorable stabilizer for photosensitive resin, sensitive emulsion and synthetic resin.
6. Favorable photochemical smog inhibitor in environmental protection.
7. Corrosion inhibitor for boiler feed water and steam heat exchanger.
8. Antioxidant in photography.

Technical Specification

Parameter	Standard
Appearance	Colorless to light yellow transparent liquid
Active content, %	85 min
Moisture, %	15 max
Diethylamine, %	1.0 max
Color (APHA)	300 max

Applications & Usage

DEHA has been suggested as a stabilizer for color formation for monoalkylphenols and phenolic antioxidants. DEHA has also been reported to stabilize emulsions used in the latex industry and for Spandex rubber, as well as a reducing agent for quinones and a monomer stabilizer or inhibitor.

Package & Storage

25L Drum	200L Drum	1000L IBC
		
Storage for 12 months in shady room and dry place.		

Hazard & Safety Precaution

Hazard Information	Safety Precaution
 Flammable Class 3 , UN1993	
Once contacted with eye and skin, flush with plenty of clean water.	

Alternative Name / Synonyms

- DEHA
- Diethylhydroxyamine