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Miskolc, 20th of November 2014.

## Dimethylamine Solution 40% Specification

**1.1. COMMERCIAL NAME: DIMETHYLAMINE SOLUTION 40%**

**1.2. CHEMICAL NAME: DIMETHYLAMINE**

**1.3. FIELD OF USAGE:** In organic synthesis for manufacturing of corrosion inhibitors, insectofungicides, solvents, drugs, ion exchangers, chemical fibers, polymers and polymerization catalysts, vulcanization accelerators, photographic substances.

**1.4.** The product is extremely flammable. Vapours of product may form explosive mixture with air and oxygen.

### 2. TECHNICAL CONDITIONS FOR QUALITY

No	Property	UM	Condition for admissibility	Method for analysis
1.	Aspect	-	clear liquid without mechanical impurities	visual
2.	Colour	-	colourless to light yellowish	visual
3.	Dimethylamine content	%	min. 40	Annex 1
4.	Total chemical impurities from which:	%	max 0.2	Annex 2
	- ammonia	%	max 0.12	
	- monomethylamine	%	max 0.16	
	- methanol	%	max 0.04	
	- trimethylamine	%	max 0.12	
	- other amines	%	max 0.08	

