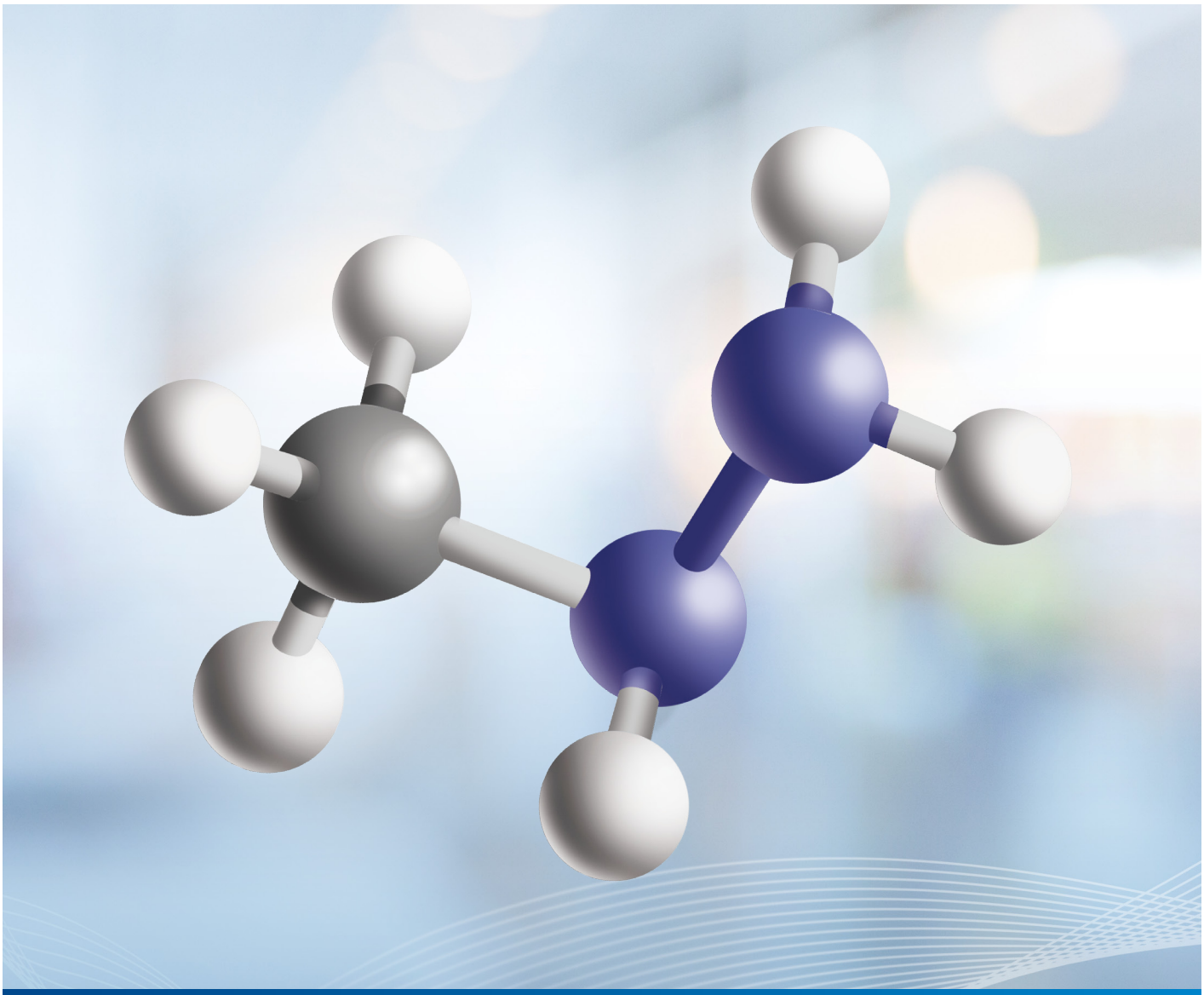

MMH 40 % (MonoMethylHydrazine Aqueous solution 40 %)

FINE CHEMICAL

› Chemical intermediate used for the synthesisof pharmaceuticals agrochemicals and fine chemicals.

MMH 40 %
FINE CHEMICAL

- **Chemical Name**: METHYLHYDRAZINE (in Aqueous solution)
- **CAS Number**: 60-34-4
- **EINECS Number**: 200-471-4
- **Molecular Formula**: C H6 N2 M.W : 46.1
- **Structure**: $H_3C - NH - NH_2$

Typical Analysis			
Chemical Properties			
Tests	Units	Requirements	Test Methods
Aspect		Clear liquid	Visual control
Assay	%	40 % ± 2	Gas chromatography
Ammonia	%	≤ 0.1	Gas chromatography
Monomethylamine	%	≤ 0.25	Gas chromatography
Water	%	≤ 0.5	Gas chromatography
Physical Properties			
Density		0.996 (at 20°C)	
Molecular weight		Soluble in water, in alcohol and hydrocarbons	

REGULATORY INFORMATION

Chemical uses:

- Reacts with aldehydes and ketones leading to hydrazones production.
- Reacts with anhydrides leading to hydrazides production.
- Reacts with chloroformates leading to carbazates production.

Packaging and storage:

- In metal drums with polyethylene liner containing 190 kg, that is 76 kg of MMH. Stored in its original packaging, in a covered dry, cool, and well ventilated warehouse, the product isstable. However, in case of prolonged storage, it is recommended to check again the product before use, by measuring typical parameters of its quality.

Regulatory information:

See SDS

- Directive n°1999/45/EC (DPD):

R-phrase(s): R24/25, R26, R34, R45

- EC Regulation n°1272/2008 (CLP): in 2015 (mixture)

NOTE: MMH in aqueous solution 40 % is classified MTCR (Missile Technology Control Regime)

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