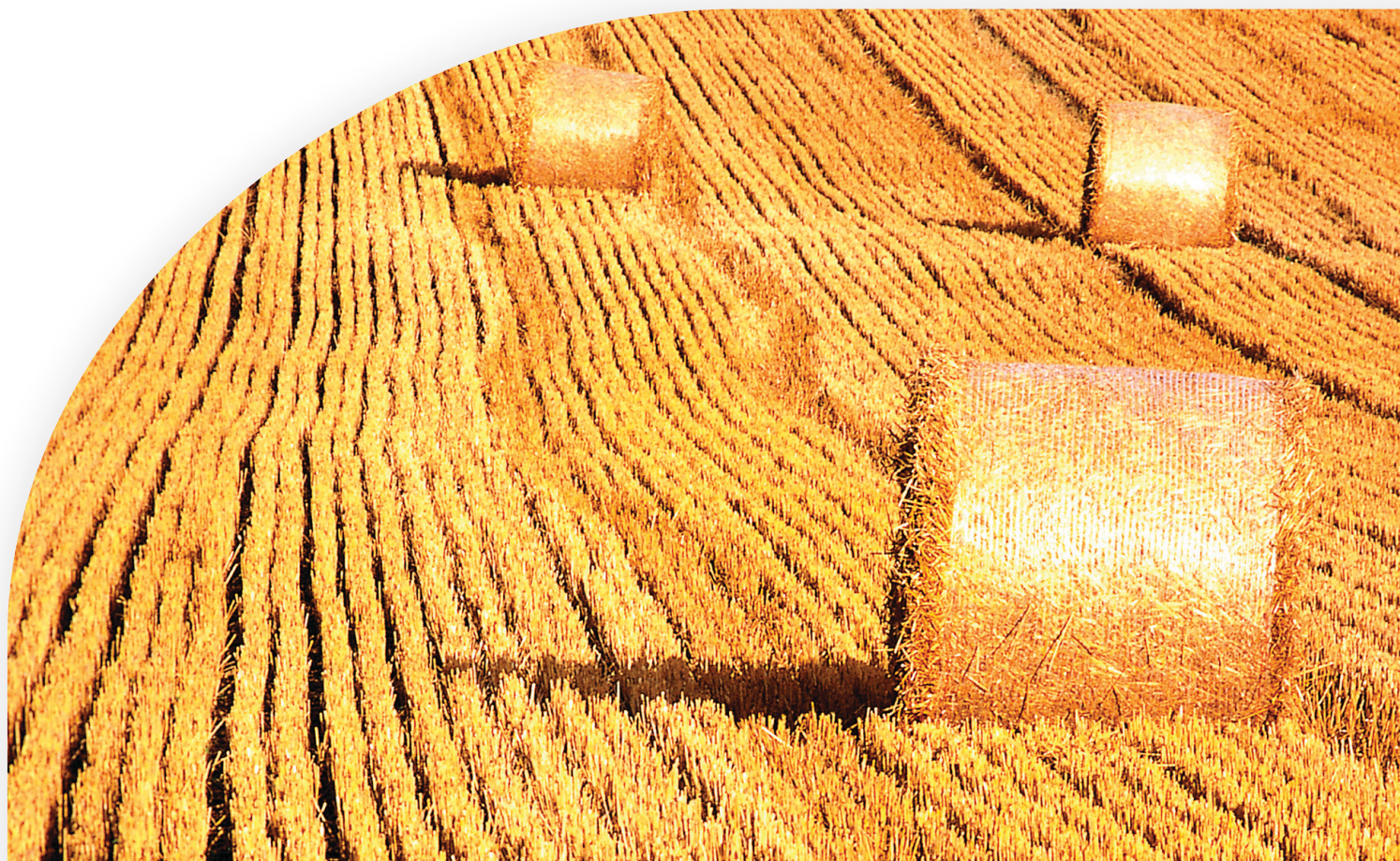


C_3H_9N

Trimethylamine

KEY FEATURES:

- Colorless hygroscopic tertiary amine
- Reactive intermediate for agriculture, mining and catalysis





Trimethylamine

PRODUCT DESCRIPTION

Trimethylamine (TMA) – a colorless, hygroscopic and flammable tertiary amine – is an organic compound that has a strong “fishy” odor in low concentrations and an ammonia-like odor at higher concentrations. It is a gas at room temperature but is usually sold in pressurized gas cylinders or as a 40% solution in water.

APPLICATIONS

Trimethylamine (TMA) is a raw material for choline chloride, tetramethyl ammonium hydroxide, plant-growth regulators, ion-exchange resins and dye-leveling agents. It is also a catalyst in the synthesis of alpha-hydroxy alkyl acrylates. **TMA** can react with sulfur dioxide to produce a volatile insecticide.

TYPICAL PROPERTIES

	Unit	
Molar mass	g/mol	59.11
Boiling temperature at 1013 hPa	°C	2.87
Freezing point	°C	-117
Density at 20°C	g/ml	0.635
Solubility in water at 20°C	g/L	∞