

NITROMETHANE



CAS Number: 75-52-5

Other Names: Nitrocarbol; Nitrometan

Formula: CH_3NO_2

PRODUCT INTRODUCTION

Nitromethane is a primary nitroalkane with chemical formula CH_3NO_2 . It appears as a colorless, oily, highly flammable liquid with a strong, disagreeable odor that emits toxic fumes of nitrogen oxides upon decomposition. Nitromethane is used to make industrial antimicrobials and pharmaceuticals, and is also used as a soil fumigant and as a fuel in race car engines.

PHYSICAL AND CHEMICAL PROPERTIES

Content	99.75 %
Moisture	0.21 %
Appearance	Colorless, Transparent Liquid

APPLICATIONS

- Nitromethane is used as a stabilizer of halogenated organic solvents, rocket and racing fuel and a chemical intermediate.
 - It is also used as a solvent for cyanoacrylate adhesives, polymers and waxes.
 - It serves as a Michael donor, adding to alfa,beta-unsaturated carbonyl compounds through 1,4-addition in the Michael reaction.
 - It acts as a solvent used for extractions, reaction medium and as a cleaning solvent.
 - Further, it is used in the manufacture of pharmaceuticals, explosives, fibers and coatings.
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PACKING OPTIONS

Drums

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