

DIACETONE



Cas Number: 123-42-2

Other Names: 4-Hydroxy-4-methylpentan-2-one,
Diketone alcohol, Diacetonolcohol, Tyranton

Formula: $C_6H_{12}O_2$

PRODUCT INTRODUCTION

Diacetone alcohol is a beta-hydroxy ketone formed by hydroxylation of 4-methylpentan-2-one at the 4-position. It appears as a clear colorless liquid with a pleasant odor. It is naturally present in *Achnatherum robustum*.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless
Purity	99.793 wt.%
Color	7 APHA
Moisture	520 ppm wt.
Acidity (as acetic acid)	15 ppm wt.

APPLICATIONS

- Diacetone alcohol is used in cellulose ester lacquers, particularly of the brushing type, where it produces brilliant gloss and hard film and where its lack of odor is desirable.
- It is used in lacquer thinners, dopes, wood stains, wood preservatives and printing pastes.
- It is also used in coating compositions for paper and textiles and permanent markers
- Useful in making artificial silk, leather and imitation gold leaf.
- Also used in the production of photographic film and in hydraulic brake flu

PACKAGING OPTIONS

Drums

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