

PRASOL CHEMICALS LIMITED

PRODUCT DATA SHEET

DIACETONE ALCOHOL



PRASOL

Registration Number (REACH) : 01-2119473975-21-0010

Spec. No. : PR/DAA/22/03-00

Grade : Technical

CAS NO. : 123-42-2

Form : Liquid

UN No. : -

Other Trade Name : 4-hydroxy-4-methyl-2-pentanone, Diacetone

(non hazardous for transport)

Molecular Weight : 116.16

Chemical Formula : $C_6H_{12}O_2$

Specifications

Appearance : Clear liquid, ASTM E2680
free from suspended matter

Purity (%) : 99.0 min GC analysis

Moisture (%) : 0.10 max ASTM D1364

Colour (Pt-Co) : 25 max ASTM D1209

Acidity as Acetic Acid (%) : 0.01 max ASTM D1613

Distillation Range (°C) : 145-170 ASTM D1078

Specific Gravity at 20°C : 0.938-0.941 ASTM D1298

Non-volatile matter (g/100ml) : 0.01 max ASTM D1353

Water miscibility : To pass test ASTM D1722

Packing : 195 Kg metal drums/ Tanker Load/ ISO Tank

Safety and Handling : Refer Safety Data Sheet

Shelf Life : Minimum 12 months at 25°C with a possible color evolution

Applications : As a solvent in industrial applications like for nitrocellulose, cellulose acetate, various oils
In resins, waxes, fats, dyes, lacquers, coating compositions
In wood preservatives and water treatment
In consumer products such as adhesives, inks, paints, household cleaners and agrochemicals
In metal cleaning compounds, hydraulic compression fluids, in textiles
As a chemical intermediate in the preparation of other compounds

Technical Service : For technical assistance, pricing and further information, please contact us through
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