

DRAGON LIGAND 95

PRODUCT DATA SHEET

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Company Confidential

Chemical Formula $C_9H_{21}N_3$

IUPAC name Octahydro-1,4,7-trimethyl-1H-1,4,7-triazone

Other Names Me3TACN; 1,4,7-trimethyl-1,4,7-triazacyclononane

CAS Number 96556-05-7

Structure

Appearance Straw yellow liquid

Active Content > 95 % (by GC)

Main characteristics Dragon Ligand is an organic amine-based ligand that can bind to

manganese ions to yield a powerful oxidation catalyst that in conjunction with hydrogen peroxide under alkaline conditions furnishes high oxidation and bleaching activity of a variety of

substrates

Solubility in water Soluble

Applications Precursor that upon binding to manganese gives a catalyst for

raw cotton bleaching, wood pulp bleaching, degradation of dyes from waste water processes, industrial machine dish-wash applications, epoxidation of alkenes & sulphite oxidation

Packing 25 kg drums

Storage It is advised to store at 4°C under a nitrogen atmosphere. Shelf life

of 1 year when stored at these conditions. Storage at higher temperature may result in slight discoloration. Exposure to air may lead to the formation of dark oil which will settle out of the

product

Further information For transport, handling and first aid instructions please refer to

the Safety Data Sheet, which is available on request

For samples and/or additional information, please contact enquiries@catexel.com.

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