

November 2001

Technical Data Sheet for Indium Trichloride in IMS

Nomenclature: Indium(III)Chloride dissolved in Industrial Methylated Spirit

Formula of solute: InCl_3 M.W. 221.18

CAS Number of solute: 10025-82-8 anhydrous

Appearance

Clear colourless liquid with odour of IMS

Solute Strength

Typically 78g/l as Indium contained

Solubility

Water - totally miscible

Alcohol - totally miscible

Chemical Data

Made from indium
of a purity not less
than 99.99% and
typically 99.995%

% metal in compound w/w
as indium \equiv 51.9%

Liquid Density

IMS containing 78g/l Indium {150 g/l InCl_3 }
 \equiv 0.94gcm^{-3}

Physical properties

Indium trichloride decomposes on heating
Organic solution is acidic

Packaging/Containers

Typically 60 litre Polythene containers



*Indium Trichloride in IMS packed in 60
litre HD polyethylene drums*