

## I Grade Iso-Butane Specifications

Origin **Test Results** Test Deliveries<sup>1/</sup> Method Minimum **Product Property** Maximum Composition, POD or D2163 Chromatography analysis Liquid vol % Isobutane 95 Propane 3.0 Normal Butane 5.0 Pentanes 0.5 Specific Gravity 0.560 0.570 D1657 Vapor Pressure at 100 °F, psi D1267 62 Weathering, D1837 95% Evaporated Temp, °F 31 (Corrected) Residues, D2158 0.05 Non-Volatile Residue at 100 °F, ml Oil, No oil stain observation, ml 0.3 Sulfur, D1266 grains per hundred cubic feet 15 Copper Corrosion D1838 1 Dryness, Inspection Free Water Content 0

Additives: I grade Isobutane shipments must be unstenched and contain no additives.

1/ Delivered products meets all applicable requirements at time and place of delivery.

Revision Date: December 31, 2008