

# Product Specification Sheet

## Adipic Acid

<b>Product:</b>	Adipic Acid
<b>CAS:</b>	124-04-9
<b>Synonym:</b>	Hexanedioic Acid, Butanedicarboxylic Acid
<b>Formula:</b>	COOH(CH <sub>2</sub> ) <sub>3</sub> COOH
<b>Class:</b>	Petrochemicals
<b>Product Type:</b>	
<b>Hazard:</b>	0 Non-Regulated Material

### SPECIFICATIONS

<b>Sensoric :</b>	Clourless crystalline powder
<b>Assay % :</b>	(wt%) : 99.7 % Min
<b>Waters % :</b>	0.20 Max
<b>Iron :</b>	0.5 ppm Max
<b>15 ppm :</b>	2.0 ppm Max
<b>Color (Pt-Co scale) :</b>	(Methanol Solution) : 6 Max
<b>Nitrogen :</b>	(Total) : mpm (Moles/million moles) : --- 15 Max
<b>Molecular Weight (theoretical) :</b>	146.14
<b>Melting Point :</b>	152 - 153 °C
<b>Density (lbs/gal(US)@20°) :</b>	(g/cc):Solid ----- 1.360Liquid ----- 1.093 (@
<b>Bulk Density :</b>	(loose, lb/ft3) : 40 - 45
<b>Melt Viscosity :</b>	(cP) :160 °C ---- 4.54193 °C ---- 2.64
<b>Specific Heat (Kcal/kg °C) :</b>	Solid ---- 1.59Liquid --- 2.26
<b>Flash Point COC °C :</b>	196 °C
<b>Vapor Pressure (mm Hg) :</b>	@ 159.5 °C --- 1 @ 205.5 °C --- 10 @ 240.5 °C --

### Notes:

### About Parchem Trading Ltd.

As a supplier and distributor of Adipic Acid, we offer a full range of Adipic Acid Distribution, Import / Export, Logistics and Outsourcing services. Our Global Contacts, state-of-the-art technology, knowledge of the relevant Adipic Acid Chemistry and the industry, and direct links to the Adipic Acid Manufacturers, Suppliers and Distributors, enable us to provide high quality Products at very competitive prices in a minimum amount of time.

As a member of the National Association of Chemical Distributors (NACD), Parchem has committed to quality and to fulfill the distribution guidelines set forth in the Responsible Distribution Process.



914.654.6800 or 800.282.3982 [www.parchem.com](http://www.parchem.com)

415 Huguenot Street • New Rochelle, NY 10801  
Copyright © 2007-2008, Parchem Trading Ltd. All rights Resrvd