



BARTEK Ingredients Inc.

A Taste for Today and Tomorrow

MALEIC ANHYDRIDE TECHNICAL DATA SHEET

PRODUCT SPECIFICATIONS

Maleic Anhydride, %	99.5 min.
Melting Point, °C	52.5 min.
Colour, APHA standard	20.0 max.
Appearance, molten	Clear
Appearance, solid	White

GENERAL PHYSICAL PROPERTIES

Molecular Weight	98.06
Boiling Point, °C	202
Freeze Point, °C	52.5
Specific Gravity@ 60°C	1.31
Specific Gravity, solid	1.43
Specific Gravity, vapour/air	1 3.38
Flash Point, Open Cup, °C	110
Autoignition Temperature, °C	447
Heat of Combustion, Kcal/mole	333.9
Heat of Formation, solid, Kcal/mole	112.2
Heat of Fusion, Kcal/mole	3.26
Heat of Hydration to Maleic Acid, Kcal/mole	8.33
Heat of Vaporization, Kcal/mole	13.1
Specific Heat, solid cal/g/°C	0.285
Specific Heat, liquid, cal/g/°C	0.396

SHIPPING INFORMATION

Standard Form Molten Liquid
Hazard Class, MOT/DOT Corrosive Material
Shipping Point Stoney Creek, Ontario

Revised: October 15, 2009

Supersedes: June 1, 2007