



**QUALITY ASSURANCE
STANDARD SPECIFICATIONS SHEET**

PRODUCT NAME: **MESIFURANE, NATURAL**
[4-Methoxy-2,5-Dimethyl-3(2H)Furanone]

PRODUCT CODE: 0471826

CONTENTS: Natural Flavor

DATE: 01/22/07

LEGAL STATUS: GRAS, CFR 172.510 FEMA # 3664
Natural US 21 CFR 101.22, Kosher
Natural EEC 88/388 Article 1(2)(b)(i)
CAS 4077-47-8
EINECS 223-797-9; Hno 2930.90

STORAGE CONDITIONS: Cool dark area, < 70° F
Purge with Nitrogen after each opening

SHELF LIFE: 12 Months

APPEARANCE: Clear Liquid

COLOR: Light Yellow

FLAVOR/ODOR: Conforms to standard

SPECIFIC GRAVITY, 20°C: 1.0739 – 1.1139

REFRACTIVE INDEX, 20°C: 1.4755 – 1.4795

GC PROFILE, HP 5890: Conforms to standard

GC PURITY, HP 5890: 98% Minimum

FLASH POINT: 167°F

Technology Improving Taste