



MACCO ORGANIQUES INC.

100 McArthur, suite 112, Valleyfield, Quebec, Canada, J6S 4M5

Tel: (450) 371-1066, Fax: (450) 371-5519

Web page address: www.macco.ca, Email: macco@macco.ca



THE MANUFACTURING PROCESS OF THE PRODUCT BELOW IS COVERED BY A REGISTERED ISO 9001 QUALITY SYSTEM AND A FSSC 22000 FOOD SAFETY SYSTEM

Date: August 17, 2017

Supersedes: S45161-A4 dated Sept. 02, 2015

Ref #: S45165-A-G

DC #: 17-055

SPECIFICATIONS SODIUM DIACETATE FCC-EEC DF

GENERAL

Molecular formula: $C_4H_7NaO_4$

Molecular weight: 142.09

CAS #: 126-96-5

EEC #: E-262 (ii)

Description

Sodium diacetate is a molecular compound of sodium acetate and acetic acid. It is a white, crystalline solid having an odor of acetic acid. One gram is soluble in about one mL of water.

Parameters

Specifications

Identification

Passes test

pH (10%)

4.5 to 5.0

Assay - free acetic acid (anhydrous basis)

39.0 to 41.0%

Assay - sodium acetate (anhydrous basis)

58.0 to 60.0%

Water content

2.0% Max.

Heavy metals (as Pb)

5 mg/kg Max.

Readily oxidizable substances (as formic acid)

0.1% Max.

Arsenic

3 mg/kg Max.

Lead

2 mg/kg Max.

Mercury

1 mg/kg Max.

Typical bulk density (tapped)

54 to 57 lbs/cu.ft.

0.86 to 0.91 g/mL

Typical particle size

Total on 250 μ m (US std mesh #60): 1% Max.

Total on 150 μ m (US std mesh #100): 5% Max.

Packaging

22.7 kg (50 lbs) and 25 kg multiwall paper bags.

453.6 kg (1000 lbs) big bags.

Storage

Store in a dry place, in tight containers, for up to 2 years.

Conforms to the Food Chemicals Codex and EEC specifications.

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